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VIRGINIA

1986 Vital Statistics Annual Report



Center for Health Statistics
Virginia Department of Health
Richmond

\$5.00



COMMONWEALTH of VIRGINIA

C.M.G. BUTTERY, M.D.
COMMISSIONER

Department of Health
Richmond, Virginia 23219

The Honorable Gerald L. Baliles
Governor of Virginia
Richmond, Virginia

Dear Governor Baliles:

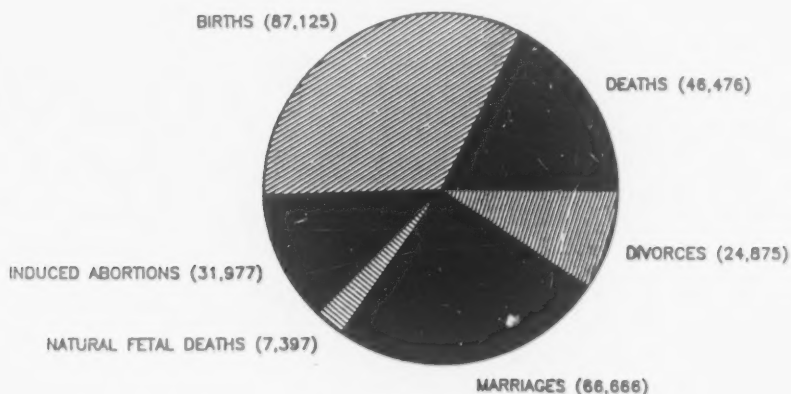
It is a pleasure to present the seventy-fourth vital statistics annual report of the Virginia Department of Health for calendar year 1986.

The report contains two sections - vital statistics and communicable disease - each of which is comprised of a narrative summary followed by detailed statistical tables of Virginia's 1986 experience.

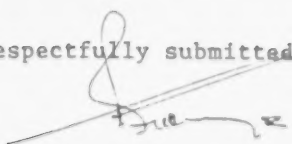
Data contained in the report represent 264,516 vital events which occurred to Virginia residents in 1986. The numbers of these events are shown below:

VIRGINIA VITAL STATISTICS

NUMBERS OF EVENTS, 1986



Respectfully submitted,


C. M. G. Buttery, M.D.
State Health Commissioner

Virginia

1986

**Vital Statistics
Annual Report**

Center for Health Statistics

Virginia Department of Health
Richmond, Virginia
December, 1987

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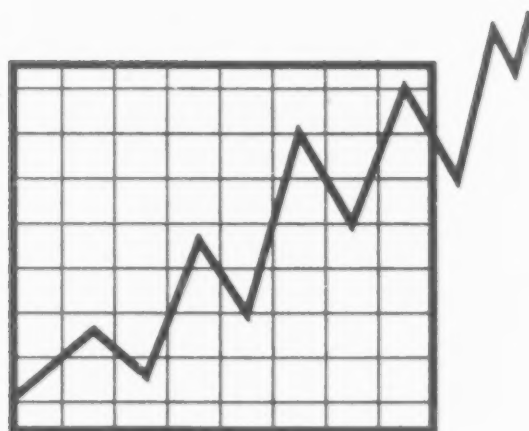
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Vital Statistics



VITAL STATISTICS

INTRODUCTION

Vital Statistics data for Virginia for the year 1986 are presented in this Statistical Annual Report, the seventy-fourth in the series. Data regarding births and deaths have been compiled each year since 1913, the year after the General Assembly passed the original Vital Statistics Act. Marriage data are available for each year since 1917, and divorce statistics have been recorded and tabulated since 1918. Currently, certificates are filed in the Division of Vital Records and data are tabulated by the Center for Health Statistics.

In this report, the data are described and briefly analyzed in narrative form. Following this, the vital statistics are presented in detailed tables showing trends experienced in Virginia for the twenty-year period 1967-1986. For 1986 events, tables containing information for the State and for independent cities and counties are also included. Cities and counties are grouped into the twenty-two State planning districts, and planning district totals are also given.

Most tabulations are based on births, deaths, natural fetal deaths, induced abortions, marriages, and divorces recorded in the Division of Vital Records and known births and deaths of Virginia residents which occurred outside the State. Since resident data reflect local conditions, the majority of material in this vital statistics report is presented by place of residence although a few tables are by place of occurrence of the event. The title of each table of data on births, deaths, natural fetal deaths, induced abortions, and marriages specifies whether the tabulation is compiled by place of occurrence or by place of residence. The divorce data are presented by city or county where the court granted the divorce.

DEFINITIONS

Residence is the city or county where the deceased resided for a death, where the mother resides for a birth, or where the patient resides for a natural fetal death or induced abortion. Marriages are tabulated according to the city or county of residence for both the bride and the groom.

White and nonwhite breakdowns are given for most data. "White" includes persons reported as Mexican and Puerto Rican and those not specifically designated as nonwhite. "Nonwhite" includes Black, a reported mixture of Black with any other race, and all other nonwhite races and mixtures. For marriage and divorce figures, white and nonwhite refer to the race of the husband. For birth and fetal death data, white and nonwhite refer to the race of the mother.

A live birth is defined as the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which, after such expulsion or extraction, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached. (Vital Statistics Laws of Virginia, Chapter 7, Section 32.1-249.7)

CITIES AND COUNTIES BY PLANNING DISTRICT, VIRGINIA

4

A low weight birth (formerly called immature birth) is one for which the birth weight is 2,500 grams (5 pounds 8 ounces) or less, regardless of the period of gestation.

An illegitimate event (birth, induced abortion, natural fetal death) is one which occurred to a woman who was not married to the father of the child at the time of the event and had not been married to him at any time during the preceding 10 months.

A fetal death is defined as the death caused by induced abortion or the death prior to the complete expulsion or extraction from the mother of a product of human conception, irrespective of the duration of pregnancy. The death is indicated by the fact that after such expulsion or extraction, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. (Vital Statistics Laws of Virginia, Chapter 7, Section 32.1-249.2)

Induced abortion is a fetal death where the pregnancy has been deliberately terminated with the purpose of producing a nonviable fetus. Molar and ectopic pregnancies are excluded.

A natural fetal death is a fetal death that is not an induced abortion.

Infant deaths are deaths of children under one year of age. Neonatal deaths are deaths of children under 28 days of age. Hebdomadal deaths are deaths of children under one week of age.

The underlying cause of death, by which all deaths are classified, may be defined as (a) the disease or injury which initiated the train of morbid events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. It is the responsibility of the certifying physician or medical examiner to indicate the underlying cause, and it is the responsibility of the nosologists in the Center for Health Statistics to assign the proper code number from the Ninth Revision, International Classification of Diseases, so that deaths may be classified by underlying cause. Because of the classification revision, cause-of-death figures beginning with 1979 data are not entirely comparable with those of earlier years.

In order to compare death rates from certain causes for the years 1979-1986 with the death rates for a year or years during the period 1969-1978, the estimated number of deaths from those causes during the early period must be derived by the use of comparability ratios which were computed by the National Center for Health Statistics from the results of dual coding of certificates according to the old and the new procedures. The comparability ratios are the number of deaths classified to a given cause by the Ninth Revision divided by the number of deaths classified to that cause by the Eighth Revision. Comparability ratios have been published by the National Center for Health Statistics in the Monthly Vital Statistics Report, Vol. 28, No. 11, Supplement, February 29, 1980.

Rates used in this report are defined below:

Birth rate	=	$\frac{\text{Number of live births}}{\text{Estimated total midyear population}} \times 1,000$
Death rate	=	$\frac{\text{Number of deaths}}{\text{Estimated total midyear population}} \times 1,000$
Infant mortality rate	=	$\frac{\text{Number of deaths under one year of age}}{\text{Total number of live births}} \times 1,000$
Neonatal mortality rate	=	$\frac{\text{Number of deaths under 28 days of age}}{\text{Total number of live births}} \times 1,000$
Perinatal mortality rate	=	$\frac{(\text{Number of deaths under one week of age} + \text{number of fetal deaths 28 weeks and over gestation})}{\text{Total number of live births} + \text{number of fetal deaths 28 weeks and over gestation}} \times 1,000$
Maternal mortality rate	=	$\frac{\text{Number of maternal deaths}}{\text{Total number of live births}} \times 100,000$

Death rates by cause, other than the maternal rate, are calculated per 100,000 estimated population.

Resident rates refer to births or deaths of residents of Virginia (or of a planning district, city or county) and are based on estimated total population, or total live births of the area. No city, county, or planning district resident marriage or resident divorce rates are published in this report. The marriage rates and divorce rates for the State given in Table 3 include all marriages performed in Virginia or all divorces granted in Virginia courts and are calculated per 1,000 estimated population.

A "resident" marriage rate has limited meaning because there is at present no interstate exchange of marriage records, hence no way of knowing how many residents of Virginia are married in other states. Furthermore, the bride and the groom may be residents of two different Virginia localities. According to Virginia law, one party of a divorce must be a resident of this State for a year prior to the commencement of the suit. Because 14 independent cities do not have separate courts but share a court with the adjoining county, there are no separate divorce figures for these cities. (See Table 51).

The median is defined as the observation that divides a distribution into two equal parts, with 50 percent of the observations below and 50 percent above it in value.

Total population data by city and county for 1986, as shown in Table 2, are projections prepared by the Virginia State Data Center, Department of Planning and Budget.

INTERPRETATION OF DATA

Collection. In Virginia, all birth, fetal death, and death certificates are filed in the local health department of the county or independent city where the event occurred by hospitals, physicians, midwives, and funeral directors. Each local health office forwards the records semi-monthly to the Division of Vital Records. Marriage certificates and divorce abstracts are transmitted monthly to the Division by clerks of the various city and county courts.

Interstate exchange of vital records. An interstate exchange of birth and death certificates provides a count of out-of-state events occurring to Virginia residents. These figures are included in the resident data for Virginia cities and counties. Likewise, copies of certificates of events occurring in Virginia to non-residents are sent to the proper states. Since a large number of births to northern Virginia residents occur in District of Columbia hospitals, the number of out-of-state births to Virginia residents greatly exceeds the number of non-resident births occurring in the State. Out-of-state deaths also outnumber non-resident deaths, but by a smaller margin.

LOCATION OF BIRTH OR DEATH

Location	Births, 1986			Deaths, 1986		
	Total	White	Nonwhite	Total	White	Nonwhite
Occurring in Virginia	84,350	62,028	22,322	45,734	35,296	10,438
Residents of Virginia	82,160	60,236	21,924	43,697	33,572	10,125
Residents of other areas	2,190	1,792	398	2,037	1,724	313
Occurring to Virginia residents	87,125	64,400	22,725	46,476	36,059	10,417
In Virginia	82,160	60,236	21,924	43,697	33,572	10,125
Out-of-State	4,965	4,164	801	2,779	2,487	292

Completeness of registration. When the Census of Population was taken for 1950, tests were made to determine the completeness of birth registration in each state. At that time, Virginia's reporting was estimated to be 97.3 percent complete (98.0 percent for white births, 95.1 percent for nonwhite). With the steady increase in the percent of births occurring in hospitals since 1950, especially among the nonwhite, it is assumed that the reporting of births is more nearly complete than before.

The completeness of registration of other vital records has never been studied to any great extent; however, indications are favorable in regard to the reporting of these records. Death registration is considered more complete than birth registration since other legal requirements must be met.

The numbers of Virginia resident fetal deaths and induced abortions are under-reported since there is no formal interstate exchange of these records as there is for births and deaths. However, 1,190 induced abortions involving Virginia women were received from other states and are included in this report.

Late filing of records. All vital records for the report year which are received prior to the deadline cutoff date in the following year are included in the annual data. Deadline cutoff dates are March 1 for marriages and divorces, April 1 for deaths, and May 1 for births, natural fetal deaths and induced abortions. Late registrations not included in annual data are, therefore, small in number.

Tabulation of data by residence and by place of occurrence. Resident data are presented for the State, for planning districts, and for counties and independent cities on all vital events except divorces. Recorded data, which are obtained by classifying the vital records according to the place of occurrence, are shown for births, deaths, marriages, and divorces.

Summary of Vital Events. Data indicate that on an average day in 1986:

239 Virginia residents were born
 127 Virginia residents died
 183 marriages occurred in Virginia
 68 divorces occurred in Virginia

SUMMARY OF VITAL EVENTS, VIRGINIA, 1986

Event	Total	White	Nonwhite
Resident Events			
Live births	87,125	64,400	22,725
Natural fetal deaths	7,397	5,490	1,907
Induced abortions	31,977	21,361	10,616
Infant deaths	958	565	393
Deaths, all causes	46,476	36,059	10,417
Recorded Events			
Marriages	66,666	53,494	13,172
Divorces (including annulments)	24,875	20,887	3,988

POPULATION

Virginia's total population as of July, 1986, was projected to be 5,800,148. (Projected figures for population were prepared by the Virginia State Data Center, Department of Planning and Budget.) This was an increase of 74,191, or 1.3 percent, over the 1985 projection of 5,725,957.

Among planning district areas, Planning District 16 (including Caroline, King George, Spotsylvania and Stafford counties and Fredericksburg city) showed the largest increase in population -- 19.9 percent over the 1980 census count. The second most significant increase in population (15.7 percent) occurred in

Planning District 18 (including Essex, Gloucester, King & Queen, King William, Mathews and Middlesex counties). No planning district indicated a loss in population from 1980 to 1986. Planning District 8 (including Arlington, Fairfax, Loudoun, and Prince William counties and the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park) had the largest population, 1,238,978. Planning District 17 (Lancaster, Northumberland, Richmond, and Westmoreland counties) was the smallest in population with 43,073 residents.

Natural Population Increase. For 1986, there was a natural population increase of 40,649 which was slightly lower than the natural increase of 40,748 for 1985.

The increase of 1.3 percent in 1986 resident births and the 2.7 percent increase in resident deaths combined to decrease the birth-to-death ratio from 1.901 in 1985 to 1.875 in 1986. The total live birth rate exceeded the death rate by 7.0 per 1,000 population in 1986.

NUMBER AND RATE OF NATURAL POPULATION INCREASE BY RACE
VIRGINIA, 1986

Race	Births		Deaths		Natural Increase	
	Number	Rate	Number	Rate	Number	Rate
Total	87,125	15.0	46,476	8.0	40,649	7.0
White	64,400	14.1	36,059	7.9	28,341	6.2
Nonwhite	22,725	18.3	10,417	8.4	12,308	9.9

RESIDENT BIRTHS

Virginia resident live births numbered 87,125 in 1986, representing a 1.3 percent increase over the 85,984 figure for 1985. The birth rate was 15.0 per 1,000 estimated population in 1986, resulting in no increase over the 1985 rate of 15.0. The comparable preliminary birth rate for the United States was 15.5 per 1,000 population in 1986.

BIRTHS AND BIRTH RATES WITH PERCENT CHANGE
VIRGINIA, 1982-1986

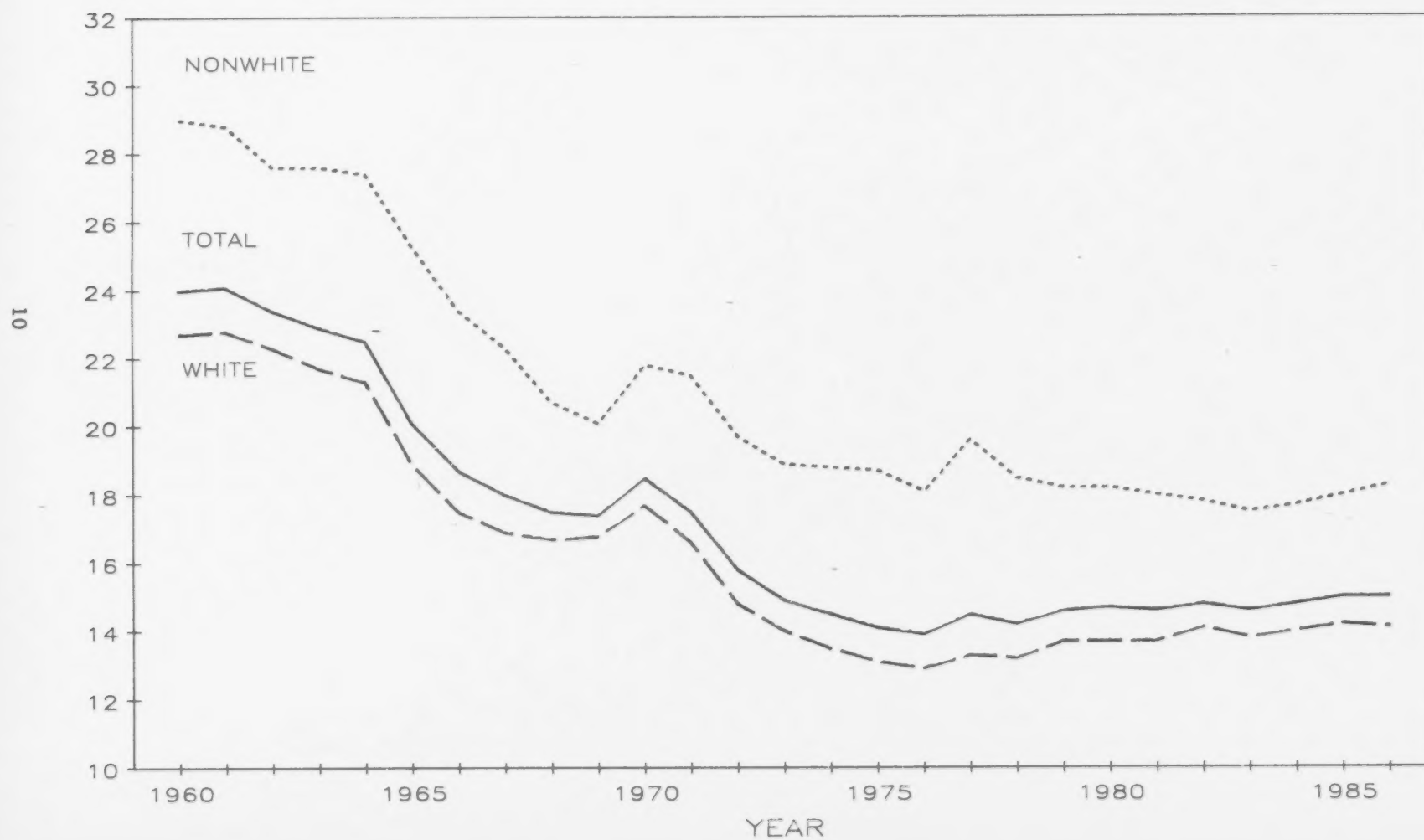
Year	Births	Percent Change	Birth Rate	Percent Change
1982	81,098	+2.3	14.8	+1.4
1983	80,779	-0.4	14.6	-1.4
1984	82,662	+2.3	14.8	+1.4
1985	85,984	+4.0	15.0	+1.4
1986	87,125	+1.3	15.0	0.0

CHART A

RESIDENT BIRTH RATES BY RACE

VIRGINIA, 1960-1986

RATE PER 1,000 POPULATION



Race and Age of Mother. Of the 87,125 infants born to Virginians in 1986, nearly three-fourths (73.9 percent) were white. However, the nonwhite age specific birth rate (70.7) was 12.5 per 1,000 females 15-44 higher than the white rate of 58.2. White births increased in 1986 by 401, or 0.6 percent, over 1985. Nonwhite births increased by 740, or 3.4 percent.

RESIDENT LIVE BIRTHS BY AGE OF MOTHER BY RACE
WITH AGE SPECIFIC RATES PER 1,000 FEMALES, VIRGINIA, 1986

Age	Number			Rates per 1,000 Females		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL*	87,125	64,400	22,725	61.0	58.2	70.7
Under 15#	286	71	215	7.1	2.4	20.6
15-19	10,189	5,897	4,292	44.4	34.3	74.9
20-24	25,727	18,094	7,633	105.1	96.9	131.8
25-29	27,014	20,938	6,076	104.4	104.9	102.8
30-34	17,329	14,033	3,296	67.2	70.1	57.3
35-39	5,817	4,759	1,058	25.1	26.0	21.6
40-44	736	588	148	3.6	3.6	3.7
45 & over#	18	13	5	0.5	0.5	0.8
Not stated	9	7	2			

*Rates are based on population age group 15-44.

#Rates are based on population ages 14 and 45 only.

The largest number of births (27,014) occurred in the age group 25-29, but the age group with the highest age specific rate (105.1 per 1,000 females) was 20-24. Whites had the highest race/age specific rate (104.9) for ages 25-29, but for nonwhites the highest rate (131.8) occurred for ages 20-24.

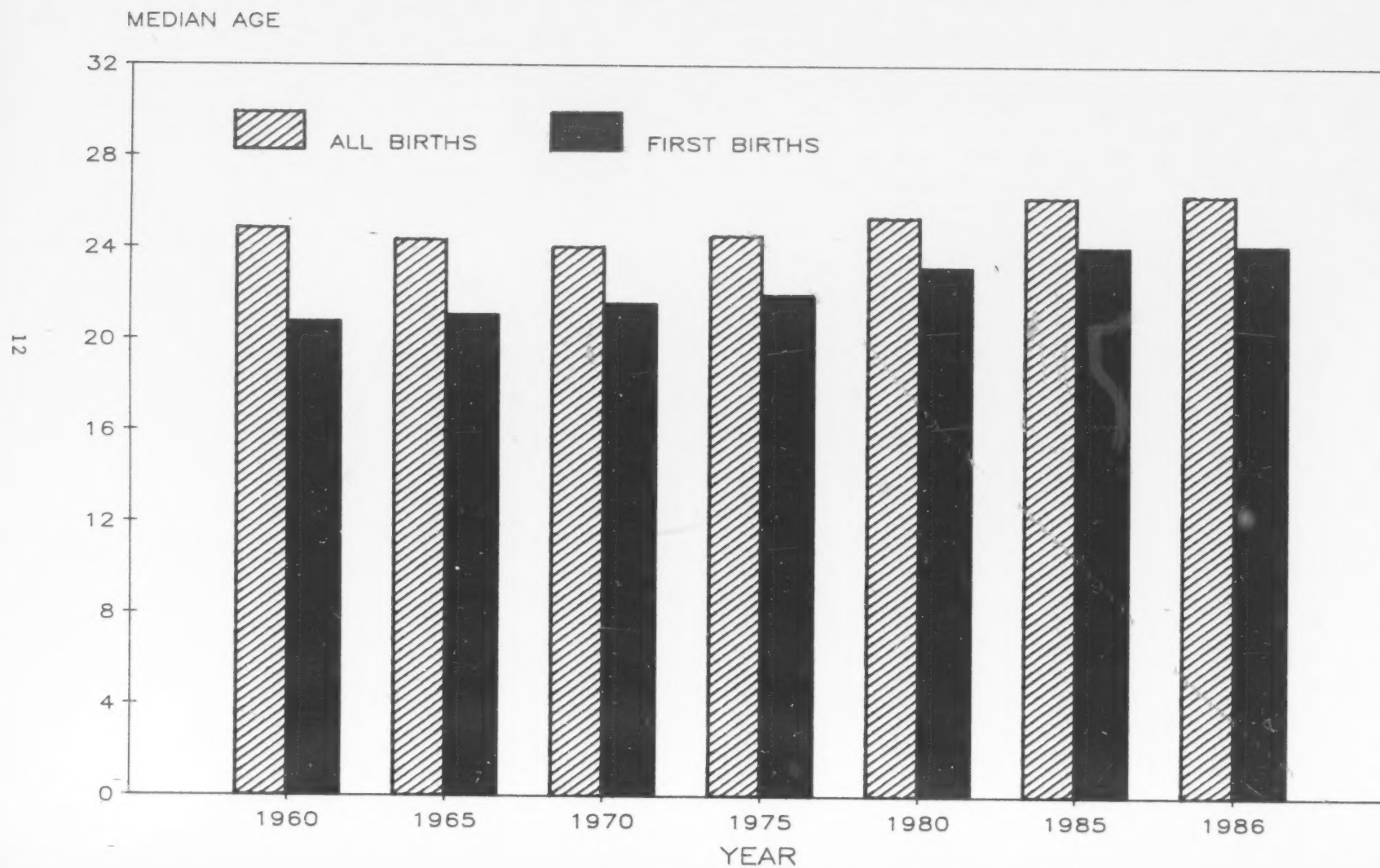
Median Age and Live Birth Order. The median age for all mothers having live births was 26.4 in 1986, an increase of 1.5 years over the 1977 median age of 24.9. For white and nonwhite mothers, the median age continued to increase in 1986 to 26.9 and 24.5, respectively.

MEDIAN AGE AT BIRTH FOR ALL BIRTHS AND FIRST BIRTHS BY RACE
VIRGINIA, 1977-1986

Year	All Births			First Births		
	Total	White	Nonwhite	Total	White	Nonwhite
1977	24.9	25.6	23.3	22.5	23.1	20.3
1978	25.2	25.8	23.5	22.8	23.4	20.6
1979	25.3	25.9	23.5	22.9	23.6	20.7
1980	25.4	26.0	23.7	23.2	23.8	21.1
1981	25.5	26.1	23.8	23.4	24.0	21.4
1982	25.7	26.2	24.0	23.5	24.1	21.6
1983	25.9	26.5	24.2	23.7	24.3	21.7
1984	26.1	26.7	24.3	23.9	24.6	22.0
1985	26.3	26.8	24.4	24.1	24.7	22.2
1986	26.4	26.9	24.5	24.2	24.8	22.2

CHART B

MEDIAN AGE OF MOTHER
VIRGINIA, 1960-1986



For mothers having their first child, the median age has also been steadily increasing from 22.5 in 1977 to 24.2 in 1986. For white mothers having their first child, the median age increased by 1.7 years since 1977 and for nonwhite mothers by 1.9 years. In 1986, the median age for white mothers was higher than that for nonwhite mothers at all birth orders.

MEDIAN AGE OF MOTHER FOR EACH BIRTH ORDER BY RACE
VIRGINIA, 1986

Race	Total	Birth Order									
		1	2	3	4	5	6	7	8	9	10 or more
Total	26.4	24.2	27.2	28.7	30.2	31.7	33.0	33.7	35.2	37.1	39.0
White	26.9	24.8	27.7	29.5	31.1	32.6	34.0	34.6	37.0	38.9	41.0
Nonwhite	24.5	22.2	25.3	26.8	28.3	30.0	31.5	32.3	32.1	35.7	37.2
Years white median age greater than nonwhite	2.5	2.6	2.4	2.8	2.8	2.5	2.5	2.3	4.9	3.2	3.8

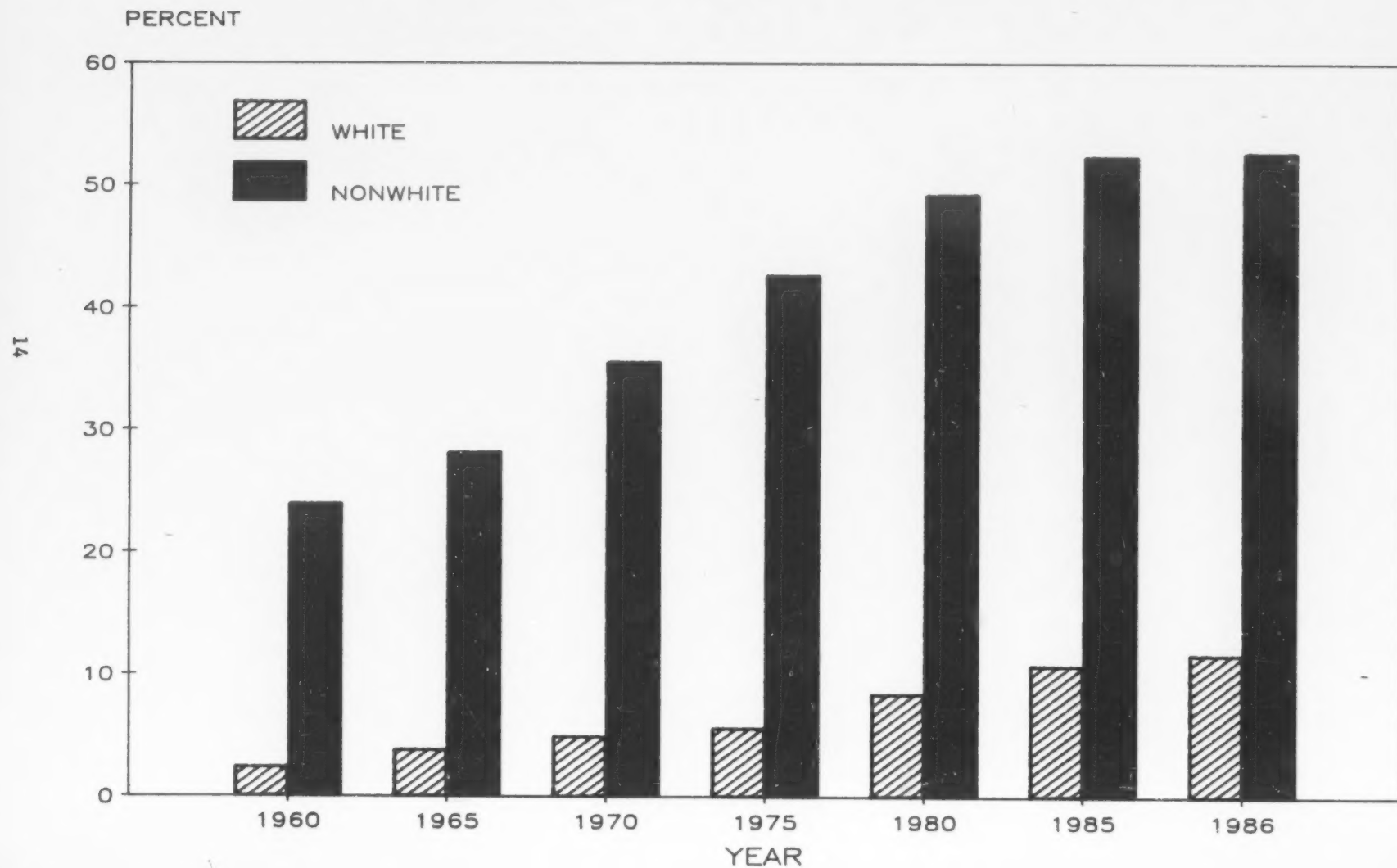
Education of Mother. A total of 69,815, or 80.1 percent, of the 1986 Virginia mothers were at least high school graduates. Of this number, 18,368 had completed four or more years of college. For 648 (0.7 percent) of the mothers, education did not extend beyond the sixth grade level. For mothers having their first birth, 81.3 percent had completed at least high school and 21.9 percent had completed four years of college.

EDUCATION OF MOTHER
WITH PERCENT COMPLETING EACH GRADE LEVEL
FOR ALL BIRTHS AND FIRST BIRTHS, VIRGINIA, 1986

Highest Grade Completed	All Births		First Births	
	Number	Percent	Number	Percent
TOTAL	87,125	100.0	39,370	100.0
Elementary				
0-6	648	0.7	210	0.5
7-8	2,398	2.8	987	2.5
High School				
9-11	14,029	16.1	6,091	15.5
12	34,035	39.1	15,329	38.9
College				
1-3	17,412	20.0	8,054	20.5
4+	18,368	21.1	8,607	21.9
Unknown	235	0.3	92	0.2

CHART C

PERCENT ILLEGITIMATE BIRTHS
BY RACE, VIRGINIA, 1960-1986



Illegitimate Births. There was an increase of 1,072, or 5.8 percent, in the number of illegitimate births in 1986. This resulted in an illegitimate birth rate of 223.7 per 1,000 live births. Both the illegitimate birth number and illegitimate birth rate for 1986 were the highest on record. The number of illegitimate births increased by 9.0 percent for whites, and by 3.9 percent for nonwhites. However, the nonwhite rate of 527.0 illegitimate births per 1,000 live births was considerably higher than the comparable white rate of 116.7.

RESIDENT ILLEGITIMATE BIRTHS WITH RATES
PER 1,000 LIVE BIRTHS BY YEAR, VIRGINIA, 1977-1986

Year	Total Live Births	Illegitimate Live Births	Rates per 1,000 Live Births
1977	74,246	12,125	163.3
1978	73,349	12,546	171.0
1979	76,899	14,246	185.3
1980	78,423	14,995	191.2
1981	79,278	15,353	193.7
1982	81,098	15,923	196.3
1983	80,779	16,627	205.8
1984	82,662	17,197	208.0
1985	85,984	18,421	214.2
1986	87,125	19,493	223.7

Sex Ratios. As usual, the male births (44,307) outnumbered the female births (42,818). The resulting ratio was 103.5 males to every 100 females.

The frequency of males to females was also greater for infant deaths, for natural fetal deaths where sex was indicated, and for births with congenital malformations. The male-to-female ratio was higher for whites than nonwhites for births, infant deaths, and congenital anomalies.

RATIO OF MALES PER 100 FEMALES FOR SPECIFIED VITAL EVENTS
VIRGINIA, 1986

Vital Event	Total	White	Nonwhite
Live Births	103.5	103.6	103.0
Infant Deaths	134.8	147.8	118.3
Natural Fetal Deaths	131.9	127.2	139.4
Congenital Malformations	143.5	143.7	143.2

Attendant at Birth. The percentage of total births occurring in hospitals in 1986 was 99.3, increasing from 99.2 since 1985. In 1986, for both white and nonwhite births, the percentage in hospitals was also 99.3. An additional 260 births were attended by physicians out of the hospital. For white and non-white births, the numbers attended by "midwives or others" were 347 and 20, respectively.

Low Weight Births. During 1986, low weight births (weighed 2,500 grams or less at birth regardless of gestation) accounted for 6,207, or 7.1 percent, of total live births. The nonwhites exhibited a much higher percentage of low weight births, with 11.2 percent compared to 5.7 percent low weight births for whites.

PERCENT LOW WEIGHT OF RESIDENT BIRTHS BY RACE
VIRGINIA, 1982-1986

Year	Low Weight Births			Percent		
	Total	White	Nonwhite	Total	White	Nonwhite
1982	5,944	3,456	2,488	7.3	5.7	12.1
1983	5,905	3,434	2,471	7.3	5.7	11.9
1984	6,036	3,534	2,502	7.3	5.8	11.8
1985	6,070	3,597	2,473	7.1	5.6	11.2
1986	6,207	3,659	2,548	7.1	5.7	11.2

NUMBER AND PERCENT OF BIRTHS ACCORDING TO
WEIGHT GROUP BY RACE, VIRGINIA, 1986

Birthweight	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
Total	87,125	100.0	64,400	100.0	22,725	100.0
<u>Low Weight</u>	<u>6,207</u>	<u>7.1</u>	<u>3,659</u>	<u>5.7</u>	<u>2,548</u>	<u>11.2</u>
500 grams or less	158	0.2	78	0.1	80	0.4
501-1500 grams	1,002	1.2	533	0.8	469	2.1
1501-2500 grams	5,047	5.8	3,048	4.7	1,999	8.8
<u>Full Weight</u>	<u>80,840</u>	<u>92.8</u>	<u>60,681</u>	<u>94.2</u>	<u>20,159</u>	<u>88.7</u>
2501-3500 grams	45,666	52.4	31,517	48.9	14,149	62.3
3501-4500 grams	33,513	38.5	27,706	43.0	5,807	25.6
4501 grams & over	1,661	1.9	1,458	2.3	203	0.9
Unknown	78	0.1	60	0.1	18	0.1

The percentage of total births that were low weight was highest at birth order 6. This birth order also had the highest percentage of low weight deliveries for white and nonwhite mothers. At all birth orders, the relative frequency of low weight births was significantly higher among nonwhite than white mothers.

PERCENT LOW WEIGHT OF TOTAL BIRTHS BY BIRTH ORDER
BY RACE, VIRGINIA, 1986

Race	Total	Birth Order						
		1	2	3	4	5	6	7 plus
Total	7.1	7.3	6.4	7.4	8.7	9.8	11.3	10.0
White	5.7	6.0	5.0	5.7	6.8	6.9	7.8	6.7
Nonwhite	11.2	11.3	10.4	11.3	12.2	14.6	15.9	14.8

In 1986, the percentage of low weight live births was highest for mothers under 15 years of age. This age group also had the highest percentage of low weight births for white mothers; however, age group 40-44 had the highest percentage among nonwhite mothers. For all age groups except 45 and over, non-white mothers had a higher percentage of low weight births than white mothers.

PERCENT LOW WEIGHT OF TOTAL BIRTHS BY AGE OF MOTHER
BY RACE, VIRGINIA, 1986

Race	Total	Age of Mother							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
Total	7.1	12.6	9.7	7.7	6.2	6.2	6.5	8.0	5.6
White	5.7	9.9	7.9	6.0	5.1	5.2	5.7	5.4	7.7
Nonwhite	11.2	13.5	12.3	11.7	10.3	10.3	10.1	18.2	0.0

Plural Births. There were 1,919 plural live births to Virginia residents in 1986: 1,876 twins, 35 triplets, and 8 quadruplets. Additionally, 110 twins and 7 triplets were reported as natural fetal deaths.

Among live births, a much higher percentage (51.7) low weight existed for plural births than for single births (7.1). For nonwhite plural births, the percent low weight was 58.3, and for white plural births, it was 49.2.

PLURAL BIRTHS AND LOW WEIGHT PLURAL BIRTHS
WITH PERCENT LOW WEIGHT BY RACE, VIRGINIA, 1986

Event	Total	White	Nonwhite
Plural births	1,919	1,399	520
Plural low weight births	992	689	303
Percent low weight	51.7	49.2	58.3

For every 1,000 live births among nonwhite women, there were 22.9 plural births, while for every 1,000 live births among white women, there were 21.7 plural births. The comparative rates for 1985 were 22.6 and 20.3, respectively.

Prenatal Care. In 1986, 69,527 mothers, or 79.8 percent, began prenatal care in the first trimester of pregnancy. At least 98.7 percent of the mothers had seen a physician prior to delivery. Only 829, or 1.0 percent, of the mothers received no prenatal care. Care status for 306 mothers was unknown.

Of the mothers who had completed at least 12 years of schooling, 84.1 percent began prenatal care in the first trimester of pregnancy. Only 49.7 percent of the 648 mothers with fewer than seven years of education began care as early. The percentage of mothers who completed at least their high school education but who received no prenatal care was 0.6, while the comparable percentage for mothers with fewer than seven years of school was 3.5.

The 45 and over age group had the highest percentage of mothers, 88.9 percent, who received prenatal care in the first trimester of pregnancy. Of the mothers who were under 15 years of age, only 38.1 percent received prenatal care in the first trimester. The percentage of mothers receiving no prenatal care was highest for those under 15.

PERCENTAGE DISTRIBUTION OF RESIDENT BIRTHS BY AGE OF MOTHER
BY TRIMESTER PRENATAL CARE BEGAN, VIRGINIA, 1986

Trimester Care Began	Total	Age of Mother							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
First trimester	79.8	38.1	58.1	75.1	85.5	88.6	87.8	81.8	88.9
Second trimester	15.8	46.5	32.2	19.3	11.6	9.3	9.7	13.2	5.6
Third trimester	3.1	11.2	6.9	4.0	2.0	1.4	1.7	3.5	5.6
None	1.0	3.8	2.3	1.2	0.6	0.4	0.6	0.7	0.0
Unknown	0.4	0.3	0.5	0.5	0.3	0.2	0.3	0.8	0.0

Of the Virginia women giving birth in 1986, 59.9 percent saw a physician 10 to 14 times during pregnancy. The median number of prenatal visits was 12.1. There were 226 mothers who were seen by a physician 30 or more times.

Complications of Pregnancy. One or more complications of pregnancy were indicated for 36,012, or 41.3 percent, of mothers having live births. Mothers in the 25-29 age group had the lowest percentage with complications of pregnancy, 39.4 percent, while mothers age 45 and over had the highest percentage with complications, 61.1 percent.

COMPLICATIONS OF PREGNANCY BY AGE OF MOTHER
VIRGINIA, 1986

Complications of Pregnancy	Total	Age of Mother							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+ Unk.
Unduplicated Count with Complications	36,012	146	4,380	10,591	10,637	7,253	2,610	379	11 5
Percent of Births	41.3	51.0	43.0	41.2	39.4	41.9	44.9	51.5	61.1

Of the mothers receiving prenatal care, 41.4 percent had complications of pregnancy and 35.7 percent of those who received no prenatal care had complications. Mothers with births occurring in birth order one had the highest percentage of births with complications, 45.5 percent. The lowest percentage of births with complications, 37.0 percent, occurred in birth order four.

COMPLICATIONS OF PREGNANCY BY TYPE BY BIRTH ORDER
VIRGINIA, 1986

Type of Complication	Total	Birth Order								
		1	2	3	4	5	6	7	8+	Unk.
Unduplicated Count with Complications	36,012	17,914	11,114	4,695	1,476	464	200	68	68	13
Percent of Births	41.3	45.5	37.8	38.2	37.0	37.8	42.5	38.6	44.2	
<u>All Complications</u>	<u>64,841</u>	<u>32,557</u>	<u>19,925</u>	<u>8,304</u>	<u>2,637</u>	<u>820</u>	<u>328</u>	<u>112</u>	<u>140</u>	<u>18</u>
Complications related to pregnancy	9,132	4,980	2,440	1,100	393	122	56	22	18	1
Conditions in the mother complicating pregnancy	6,313	3,062	1,877	884	300	106	46	17	19	2
Complications affecting delivery	31,027	14,946	9,901	4,136	1,303	431	164	58	77	11
Type of delivery if specified on certificate	18,369	9,569	5,707	2,184	641	161	62	15	26	4

Congenital Anomalies. In 1986, there were 716 infants born with one or more congenital anomalies reported, or 0.8 percent of total live births. Of the total congenital anomalies, Polydactyly was, by far, the most common condition reported for nonwhites (33.9 percent), while deformities of feet (10.9 percent) were the most common anomalies reported for whites.

In 1986, mothers in the 40-44 and 45 and over age groups had the highest percentage of births with anomalies reported (1.5 and 5.6 percent, respectively).

CONGENITAL ANOMALIES BY AGE OF MOTHER
VIRGINIA, 1986

Congenital Anomalies	Total	Age of Mother							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
Unduplicated Count with Anomalies	716	1	87	211	222	130	53	11	1
Percent of Births	0.8	0.3	0.9	0.8	0.8	0.8	0.9	1.5	5.6

NUMBER AND PERCENT OF CONGENITAL ANOMALIES BY TYPE BY RACE
VIRGINIA, 1986

Type of Anomaly	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
Unduplicated Count with Anomalies	716		502		214	
TOTAL ANOMALIES REPORTED	789	100.0	559	100.0	230	100.0
Anencephalus	12	1.5	7	1.3	5	2.2
Spina bifida	29	3.7	24	4.3	5	2.2
Other anomalies of nervous system	27	3.4	19	3.4	8	3.5
Anomalies of eye	9	1.1	6	1.1	3	1.3
Anomalies of ear, face, and neck	19	2.4	16	2.9	3	1.3
Bulbus cordis anomalies and anomalies of cardiac septal closure	8	1.0	5	0.9	3	1.3
Other anomalies of heart	43	5.4	32	5.7	11	4.8
Other anomalies of circulatory system	16	2.0	15	2.7	1	0.4
Anomalies of respiratory system	8	1.0	5	0.9	3	1.3
Cleft palate and cleft lip	68	8.6	54	9.7	14	6.1
Other anomalies of upper alimentary tract	10	1.3	8	1.4	2	0.9
Other anomalies of digestive system	21	2.7	15	2.7	6	2.6
Undescended testicle	20	2.5	11	2.0	9	3.9
Hypospadias and epispadias	34	4.3	27	4.8	7	3.0
Other anomalies of genitourinary system	42	5.3	36	6.4	6	2.6
Congenital dislocation of hip	14	1.8	13	2.3	1	0.4
Deformities of feet	76	9.6	61	10.9	15	6.5
Polydactyly	108	13.7	30	5.4	78	33.9
Syndactyly	13	1.6	9	1.6	4	1.7
Other anomalies of limbs	50	6.3	40	7.2	10	4.3
Other anomalies of musculoskeletal system	40	5.1	29	5.2	11	4.8
Anomalies of the integument	43	5.4	28	5.0	15	6.5
Down's syndrome	45	5.7	42	7.5	3	1.3
Other chromosomal anomalies	11	1.4	9	1.6	2	0.9
Other and unspecified anomalies	23	2.9	18	3.2	5	2.2

Month of Birth. An average of 239 children were born each day to Virginia residents. The daily averages by month ranged from a high of 262 in September to a low of 227 in January.

DAILY AVERAGE OF BIRTHS BY MONTH
VIRGINIA, 1986

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
239	227	232	235	231	231	236	251	250	262	240	228	241

Out-of-State Occurrences. In 1986, 4,965, or 5.7 percent, of the infants born to Virginia residents were born out-of-state. Of these births, 2,393, or 48.2 percent, occurred in the District of Columbia. The six areas bordering Virginia (D.C., Maryland, West Virginia, Kentucky, Tennessee, and North Carolina) accounted for 95.9 percent of Virginia's out-of-state births.

The 2,190 births occurring in Virginia to out-of-state residents represented 2.6 percent of the 84,350 live births occurring in Virginia. The states of residence most frequently recorded for these Virginia-born infants were West Virginia (708), North Carolina (530), and Maryland (491). A total of 92.6 percent of these out-of-state resident births were from the six areas bordering Virginia.

BIRTHS INVOLVING VIRGINIA AND BORDERING STATES
VIRGINIA, 1986

State	Virginia residents born out-of-state		Out-of-state residents born in Virginia	
	Number	Percent	Number	Percent
TOTAL	4,965	100.0	2,190	100.0
District of Columbia	2,393	48.2	141	6.4
Maryland	942	19.0	491	22.4
Tennessee	765	15.4	33	1.5
North Carolina	299	6.0	530	24.2
West Virginia	297	6.0	708	32.3
Kentucky	67	1.3	125	5.7
Other states	202	4.1	157	7.2
Foreign countries			5	0.2

INFANT MORTALITY

In Virginia in 1986, infant deaths decreased to 958, or 3.2 percent less than the 1985 figure of 990. The resulting rate of 11.0 was the lowest ever recorded for the State. Virginia's infant mortality rate, however, remained higher than the preliminary United States rate of 10.4.

In 1986, there were 645 neonatal deaths (infants under 28 days) resulting in a rate of 7.4 per 1,000 live births. The comparable figures for 1985 were 696 neonatal deaths with a rate of 8.1.

Race. White infant deaths decreased from 589 in 1985 to 565 in 1986 and non-white infant deaths decreased from 401 to 393. The 1986 rates of infant deaths per 1,000 live births were 8.8 and 17.3 for whites and nonwhites, respectively.

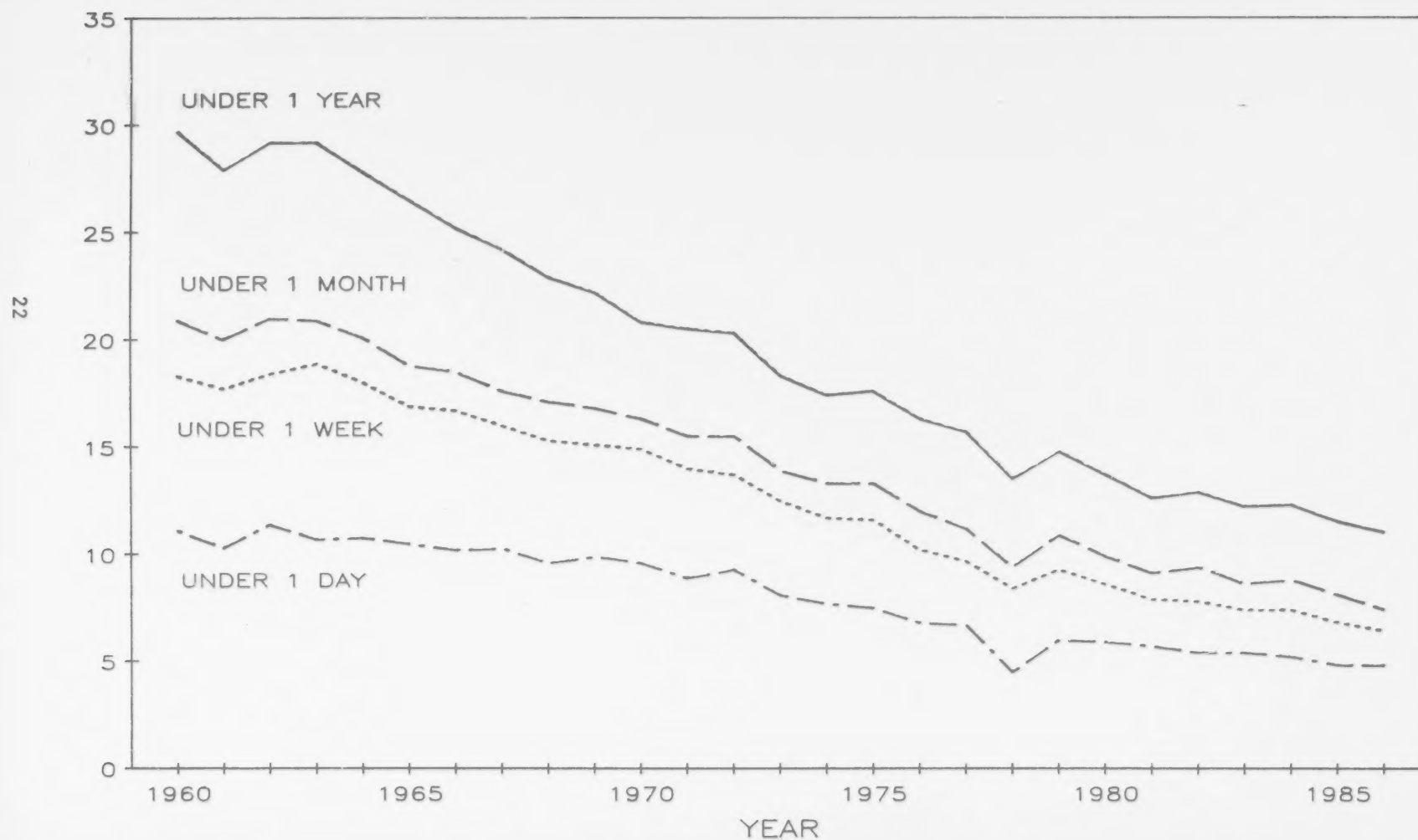
RESIDENT INFANT DEATHS BY RACE WITH RATES
PER 1,000 LIVE BIRTHS, VIRGINIA, 1982-1986

Year	Total		White		Nonwhite	
	Number	Rate	Number	Rate	Number	Rate
1982	1,046	12.9	647	10.7	399	19.3
1983	986	12.2	577	9.6	409	19.8
1984	1,014	12.3	606	9.9	408	19.2
1985	990	11.5	589	9.2	401	18.2
1986	958	11.0	565	8.8	393	17.3

CHART D

INFANT MORTALITY
VIRGINIA, 1960-1986

RATE PER 1,000 LIVE BIRTHS



Cause of Death. Among the 958 infant deaths for Virginia residents, 165, or 17.2 percent, were attributed to congenital anomalies; 117, or 12.2 percent to disorders relating to short gestation and low birth weight; 66, or 6.9 percent, to respiratory distress syndrome; and 124, or 12.9 percent, to sudden infant death syndrome. The group of causes, conditions originating in the perinatal period, accounted for 288 infant deaths.

RESIDENT INFANT DEATHS BY CAUSE WITH RATES PER 100,000 LIVE BIRTHS
VIRGINIA AND UNITED STATES, 1986

Cause of Infant Death	Virginia		United States*
	Number	Rate	Rate
TOTAL INFANT DEATHS	958	1,099.6	1,039.2
Certain gastrointestinal diseases (008-009, 535,555-558)	5	5.7	5.9
Pneumonia and influenza (480-487)	9	10.3	18.0
Congenital anomalies (740-759)	165	189.4	218.9
Disorders relating to short gestation and low birth weight (765)	117	134.3	87.9
Birth trauma (767)	5	5.7	8.6
Intrauterine hypoxia and birth asphyxia (768)	21	24.1	24.2
Respiratory distress syndrome (769)	66	75.8	94.4
Other conditions originating in the perinatal period (760-764,766,770-779)	288	330.6	266.2
Sudden infant death syndrome (798.0)	124	142.3	130.4
All other causes	158	181.3	184.7

*Provisional

Age at Death. In 1986, there were 415 infants who failed to survive one day and 560 who died within their first week of life. Infants who died before the age of one month (645) accounted for 67.3 percent of the total infant deaths.

PERCENT OF TOTAL INFANT DEATHS IN EACH AGE GROUP BY RACE
VIRGINIA, 1986

Race	Total Infant Deaths	Age at Death						
		Less than 1 day	1-6 days	Under 1 week	7-27 days	Under 28 days	1-5 Mos.	6-11 Mos.
Total	100.0	43.3	15.1	58.5	8.9	67.3	27.2	5.4
White	100.0	41.2	15.6	56.8	9.4	66.2	29.6	4.2
Nonwhite	100.0	46.3	14.5	60.8	8.1	69.0	23.9	7.1

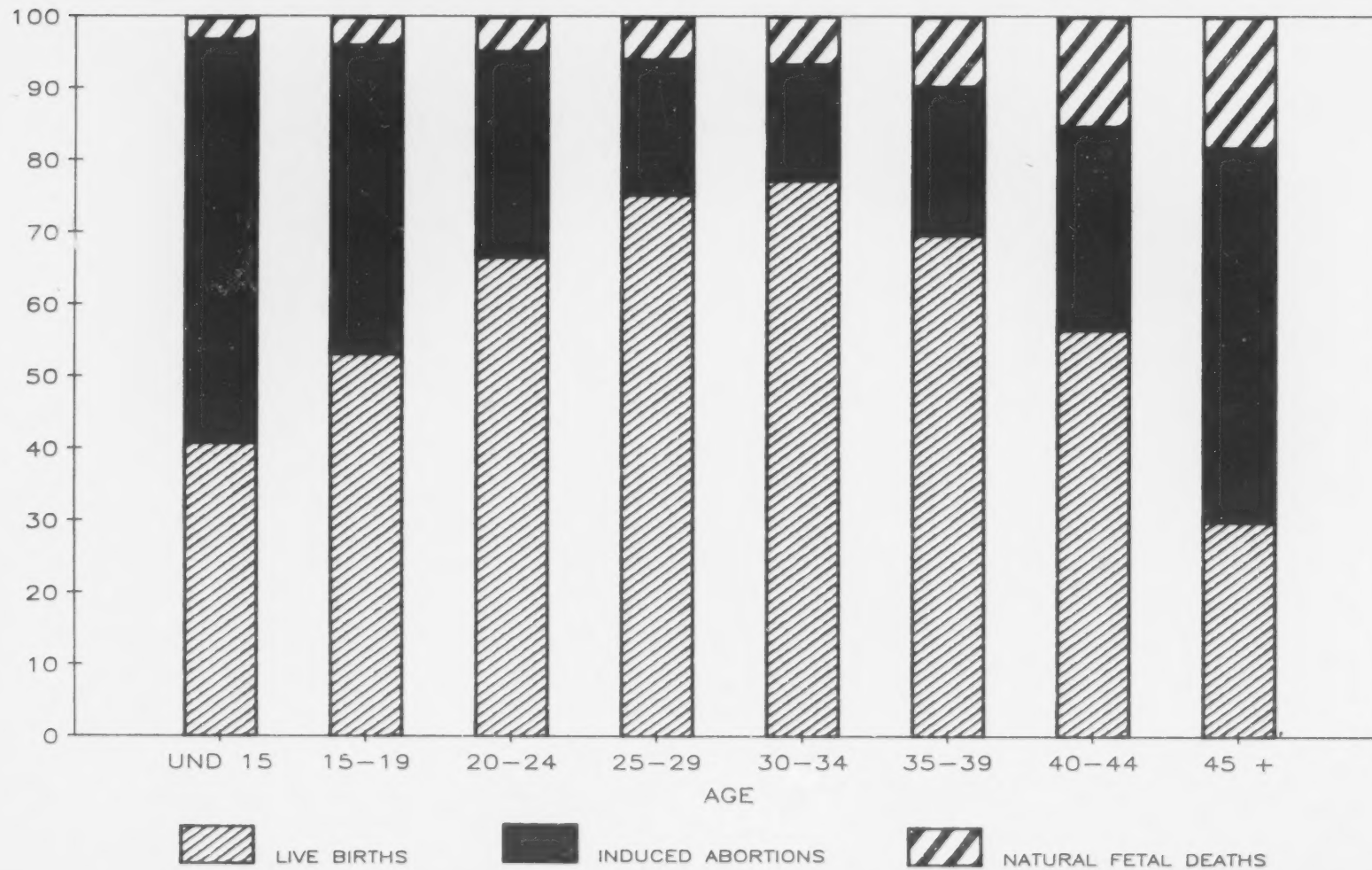
MATERNAL DEATHS

In 1986, the death of one Virginia woman was caused by maternal conditions, giving a rate of 1.1 maternal deaths per 100,000 live births. Both the number and rate of maternal deaths decreased from the 1985 figures of 5 deaths, or 5.8 per 100,000 live births. The one 1986 maternal death occurred to a white woman and was caused by a "fetal problem that affected the management of the mother."

CHART E

ALL PREGNANCY TERMINATIONS BY AGE, VIRGINIA, 1986

PERCENT OF TOTAL TERMINATIONS



ALL PREGNANCY TERMINATIONS

A total of 126,499 pregnancy terminations (live births and all fetal deaths) were reported for Virginia residents in 1986, 2,426 more than in the previous year. This 2.0 percent increase resulted from 1986 increases in all types of pregnancy terminations.

RESIDENT PREGNANCY TERMINATIONS BY TYPE VIRGINIA, 1977-1986

Year	Total Pregnancy Terminations	Live Births	All Fetal Deaths		
			Total	Induced Abortions	Natural Fetal Deaths
1977	105,831	74,246	31,585	25,399	6,186
1978	107,972	73,349	34,623	28,492	6,131
1979	112,559	76,899	35,660	29,455	6,205
1980	114,933	78,423	36,510	30,062	6,448
1981	116,075	79,278	36,797	30,166	6,631
1982	117,565	81,098	36,467	30,012	6,455
1983	116,856	80,779	36,077	29,598	6,479
1984	120,257	82,662	37,595	30,819	6,776
1985	124,073	85,984	38,089	31,094	6,995
1986	126,499	87,125	39,374	31,977	7,397

For females in the under 15 age group, there were more induced abortions than live births. The largest age-specific rate for births was in the 20-24 year age group which also had the highest rate for total pregnancy terminations and for induced abortions. However, the 25-29 year age group had the highest rate for natural fetal deaths.

PREGNANCY TERMINATIONS, LIVE BIRTHS, ALL FETAL DEATHS, INDUCED ABORTIONS AND NATURAL FETAL DEATHS PER 1,000 FEMALES BY AGE VIRGINIA, 1986

Age	Total Pregnancy Terminations	Live Births	All Fetal Deaths		
			Total	Induced Abortions	Natural Fetal Deaths
TOTAL*	88.6	61.0	27.6	22.4	5.2
Under 15#	17.4	7.1	10.3	9.7	0.5
15-19	83.4	44.4	39.0	35.6	3.3
20-24	157.7	105.1	52.5	44.8	7.8
25-29	138.6	104.4	34.2	26.0	8.2
30-34	87.0	67.2	19.8	13.9	5.9
35-39	36.0	25.1	10.9	7.4	3.5
40-44	6.3	3.6	2.7	1.8	1.0
45 & over#	1.8	0.5	1.2	0.9	0.3

*Rates are based on population age group 15-44.

#Rates are based on population ages 14 or 45 only.

ALL FETAL DEATHS

The 39,374 fetal deaths of all types occurring to Virginia residents in 1986 represented an increase of 1,285 or 3.4 percent, over the previous year. All fetal deaths reported for white residents increased 2.4 percent and fetal deaths for nonwhites increased 5.6 percent.

The fetal death total includes induced abortions which accounted for 81.2 percent of all fetal deaths. All other fetal deaths are referenced as natural fetal deaths throughout this report.

INDUCED ABORTIONS

During 1986, at least 31,977 Virginia residents received induced abortions, an increase of 2.8 percent over the 1985 figure of 31,094. Although there is no regular interstate exchange of abortion information among states, some abortions for residents of Virginia that occurred in other states are included. In addition to the 30,787 Virginia resident induced abortions that occurred in the State, at least 1,190 abortions were reported for Virginia residents in other states.

A total of 32,619 induced abortions occurred in Virginia in 1986, 2.1 percent more than in the previous year. Of these, 1,832, or 5.6 percent, were for residents of other areas.

INDUCED ABORTIONS VIRGINIA, 1986

Location	Total	White	Nonwhite
Occurring in Virginia	32,619	21,701	10,918
Residents of Virginia	30,787	20,505	10,282
Residents of other areas	1,832	1,196	636
Occurring to Virginia residents	31,977	21,361	10,616
In Virginia	30,787	20,505	10,282
Out-of-State	1,190	856	334

Race and Age. Over two-thirds (66.8 percent) of the 31,977 Virginia residents known to have had induced abortions were white. The induced abortion rate per 1,000 white women aged 15-44 was 19.3, while the comparable figure for nonwhites was 33.0. The State figure for all women was 22.4 per 1,000 females aged 15-44, slightly higher than the 22.1 rate of 1985.

RESIDENT INDUCED ABORTIONS BY WOMAN'S AGE BY RACE WITH AGE SPECIFIC RATES PER 1,000 FEMALES, VIRGINIA, 1986

Age	Numbers			Rates per 1,000 Females		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL*	31,977	21,361	10,616	22.4	19.3	33.0
Under 15#	391	145	246	9.7	4.9	23.6
15-19	8,172	5,671	2,501	35.6	33.0	43.7
20-24	10,954	7,357	3,597	44.8	39.4	62.1
25-29	6,715	4,331	2,384	26.0	21.7	40.3
30-34	3,579	2,311	1,268	13.9	11.5	22.0
35-39	1,715	1,213	502	7.4	6.6	10.2
40-44	365	269	96	1.8	1.6	2.4
45 & over#	31	23	8	0.9	0.8	1.2
Not stated	55	41	14			

*Rates based on population group 15-44.

#Rates based on population ages 14 and 45 only.

Age category 20-24 accounted for over one-third of Virginia's resident abortions. The age-specific rate for this group, was 44.8 per 1,000 women. For 15-19 year olds, the age specific rate of 35.6 for 1986 increased slightly from the 1985 figure of 35.3. The median ages for total, white, and nonwhite groups were 23.1, 23.0 and 23.4, respectively. The median age for white and nonwhite women having induced abortions has generally gone up over the past ten years.

MEDIAN AGES OF RESIDENT WOMEN RECEIVING
INDUCED ABORTIONS BY RACE
VIRGINIA, 1977-1986

Year	Total	White	Nonwhite
1977	21.8	21.5	22.2
1978	22.0	21.7	22.7
1979	22.0	21.7	22.8
1980	22.2	21.9	23.0
1981	22.4	22.1	23.1
1982	22.6	22.3	23.3
1983	22.9	22.8	23.3
1984	22.8	22.6	23.3
1985	23.0	22.8	23.3
1986	23.1	23.0	23.4

Illegitimate Induced Abortions. More than three-fourths (83.5 percent) of the women receiving induced abortions in 1986 were not married to the father at the time of the abortion. The comparable figure for 1986 live births was 22.4. The percent illegitimate of induced abortions for 1986 decreased slightly over the 1985 figure of 84.0 percent.

The percentages of induced abortions that were illegitimate were highest for the youngest age groups and generally decreased as age at abortion increased. The nonwhite rates, however, were higher than the white rates at all age levels.

RESIDENT ILLEGITIMATE INDUCED ABORTIONS BY WOMAN'S AGE
WITH PERCENT ILLEGITIMATE, VIRGINIA, 1986

Age	Illegitimate			Percent Illegitimate		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL	26,708	17,672	9,036	83.5	82.7	85.1
Under 15	388	142	246	99.2	97.9	100.0
15-19	7,864	5,427	2,437	96.2	95.7	97.4
20-24	9,403	6,259	3,144	85.8	85.1	87.4
25-29	5,123	3,277	1,846	76.3	75.7	77.4
30-34	2,528	1,596	932	70.6	69.1	73.5
35-39	1,129	773	356	65.8	63.7	70.9
40-44	212	153	59	58.1	56.9	61.5
45 & over	16	11	5	51.6	47.8	62.5
Not stated	45	34	11			

Gestation and Procedure. Of the 31,997 resident abortions, at least 98.8 percent were under 20 weeks gestation. Over one-third (44.2 percent) were 8-9 weeks gestation. Only 0.9 percent of the induced abortions were 20 weeks or more gestation.

For 31,183, or 97.5 percent, of the induced abortions, suction curettage was the procedure used to terminate pregnancy. Sharp curettage was done for 56 terminations. Intra-uterine saline instillation and intra-uterine prostaglandin instillation were the methods used for 54, or 18.5 percent, of the pregnancy terminations of 20 weeks or more gestation.

RESIDENT INDUCED ABORTIONS, PROCEDURES USED TO TERMINATE PREGNANCY BY GESTATION
VIRGINIA, 1986

Procedure	Total	Gestation (in Weeks)							
		Under 6	6-7	8-9	10-11	12-13	14-19	20 & Over	Unk.
TOTAL	31,977	822	7,447	14,131	6,214	2,059	929	292	83
Suction Curettage	31,183	797	7,300	13,901	6,130	2,036	738	212	69
Sharp Curettage	56	5	20	18	8	2	2	1	
Intra-uterine saline instillation	92			1	2		52	37	
Intra-uterine prostaglandin instillation	114					1	95	17	1
Hysterectomy	7				2		4	1	
Hysterotomy	5			1	1	1	2		
Other	88	4	17	16		1	27	23	
Unknown	432	16	110	194	71	18	9	1	13

Place of Residence. The largest number of induced abortions (3,757) was reported for residents of Fairfax County. Following were Virginia Beach with 2,504, Richmond City with 2,367, Norfolk with 1,959, Henrico with 1,644, Alexandria with 1,329, Prince William County with 1,209, Newport News with 1,208, and Chesterfield with 1,058. All other areas had less than 1,000 residents reporting induced abortions.

NATURAL FETAL DEATHS

Natural fetal deaths, as shown below for the years 1977-1986, are the total fetal deaths for those years less the instances where the pregnancy termination was indicated as induced.

RESIDENT NATURAL FETAL DEATHS BY RACE
VIRGINIA, 1977-1986

Year	Total	White	Nonwhite
1977	6,186	4,466	1,720
1978	6,131	4,390	1,741
1979	6,205	4,420	1,785
1980	6,448	4,620	1,828
1981	6,631	4,835	1,796
1982	6,455	4,671	1,784
1983	6,479	4,738	1,741
1984	6,776	4,989	1,787
1985	6,995	5,186	1,809
1986	7,397	5,490	1,907

Resident natural fetal deaths totaled 7,397 in 1986 reflecting a 5.7 percent increase over the previous year. The rate was 84.9 per 1,000 live births.

Gestation. Only 10.3 percent of the natural fetal deaths occurred at 20 weeks or more-gestation; for nonwhites, the percentage was 15.5, much higher than the comparable percentage of 8.5 for whites.

RESIDENT NATURAL FETAL DEATHS
RACE BY LENGTH OF GESTATION
VIRGINIA, 1986

Length of Gestation	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	7,397	100.0	5,490	100.0	1,907	100.0
Under 20 weeks	6,633	89.7	5,023	91.5	1,610	84.4
20-27 weeks	387	5.2	226	4.1	161	8.4
28 weeks & over	377	5.1	241	4.4	136	7.1

Age. The median age of women having natural fetal deaths was 27.3 in 1986, compared to 26.4 for live births and 23.1 for induced abortions. Natural fetal deaths accounted for 5.8 percent of total pregnancies that ended during 1986. This statistic ranged from 3.1 percent for the 15 and under age group to a high of 18.3 percent for women 45 and over, increasing with each age group.

NATURAL FETAL DEATHS BY AGE WITH
PERCENT OF TOTAL PREGNANCY TERMINATIONS
VIRGINIA, 1986

Natural Fetal Deaths	Total	Age Group								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
Number	7,397	22	767	1,903	2,129	1,524	814	199	11	28
Percent of Pregnancy Terminations	5.8	3.1	4.0	4.9	5.9	6.8	9.8	15.3	18.3	

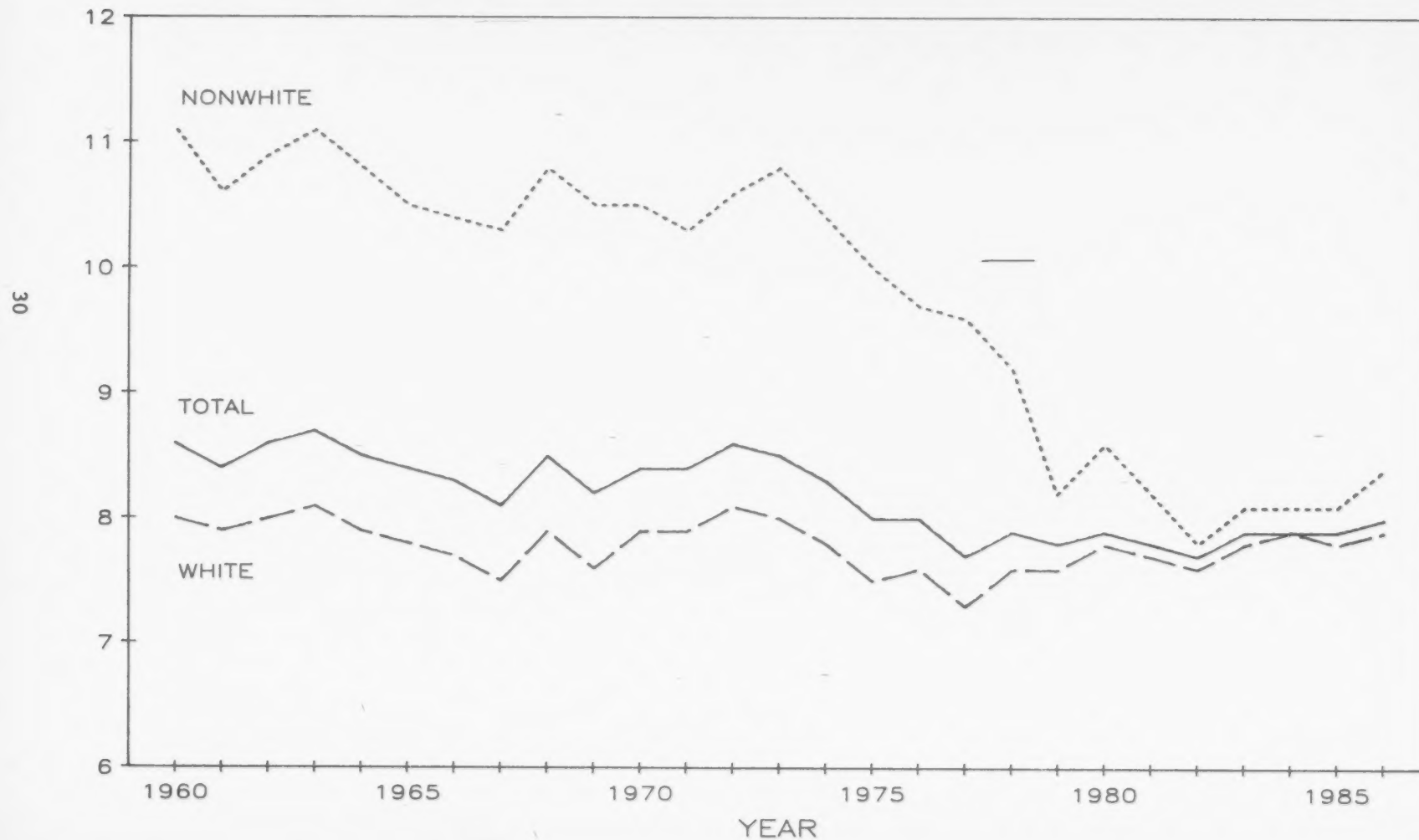
Cause. A non-specific reason was mentioned for the cause of the fetal death on 75.9 percent of these records. Of the 1,784 specified causes, ectopic pregnancy with 756 placed first. Blighted ovum (285) and conditions in the placenta (197) ranked second and third, respectively.

CHART F

RESIDENT DEATH RATES BY RACE

VIRGINIA, 1960-1986

RATE PER 1,000 POPULATION



RESIDENT DEATHS

In 1986, the number of deaths for Virginia residents was 46,476, an increase of 1,240, or 2.7 percent, over the 45,236 deaths reported in 1985. The resulting death rate of 8.0 per 1,000 population has increased slightly since 1983. The comparable provisional rate for the United States was 8.7 per 1,000 population in 1986.

NUMBER OF RESIDENT DEATHS AND DEATH RATES
PER 1,000 POPULATION BY RACE
VIRGINIA, 1982-1986

Year	Total		White		Nonwhite	
	Number	Rate	Number	Rate	Number	Rate
1982	41,897	7.7	32,826	7.6	9,071	7.8
1983	43,734	7.9	34,112	7.8	9,622	8.1
1984	44,252	7.9	34,507	7.9	9,745	8.1
1985	45,236	7.9	35,331	7.8	9,905	8.1
1986	46,476	8.0	36,059	7.9	10,417	8.4

Median Age at Death. For all Virginia residents, the median age at death was 72.6, slightly higher than 1985. The white and nonwhite median ages at death also increased slightly over 1985. The median ages at death for both Virginia males and females increased by 0.1 years.

MEDIAN AGE AT DEATH BY RACE BY SEX
VIRGINIA, 1985 AND 1986

Sex	Total		White		Nonwhite	
	1985	1986	1985	1986	1985	1986
Total	72.5	72.6	73.6	73.8	68.4	68.5
Male	69.3	69.4	70.3	70.2	65.9	66.5
Female	76.5	76.6	77.6	77.9	71.6	71.5

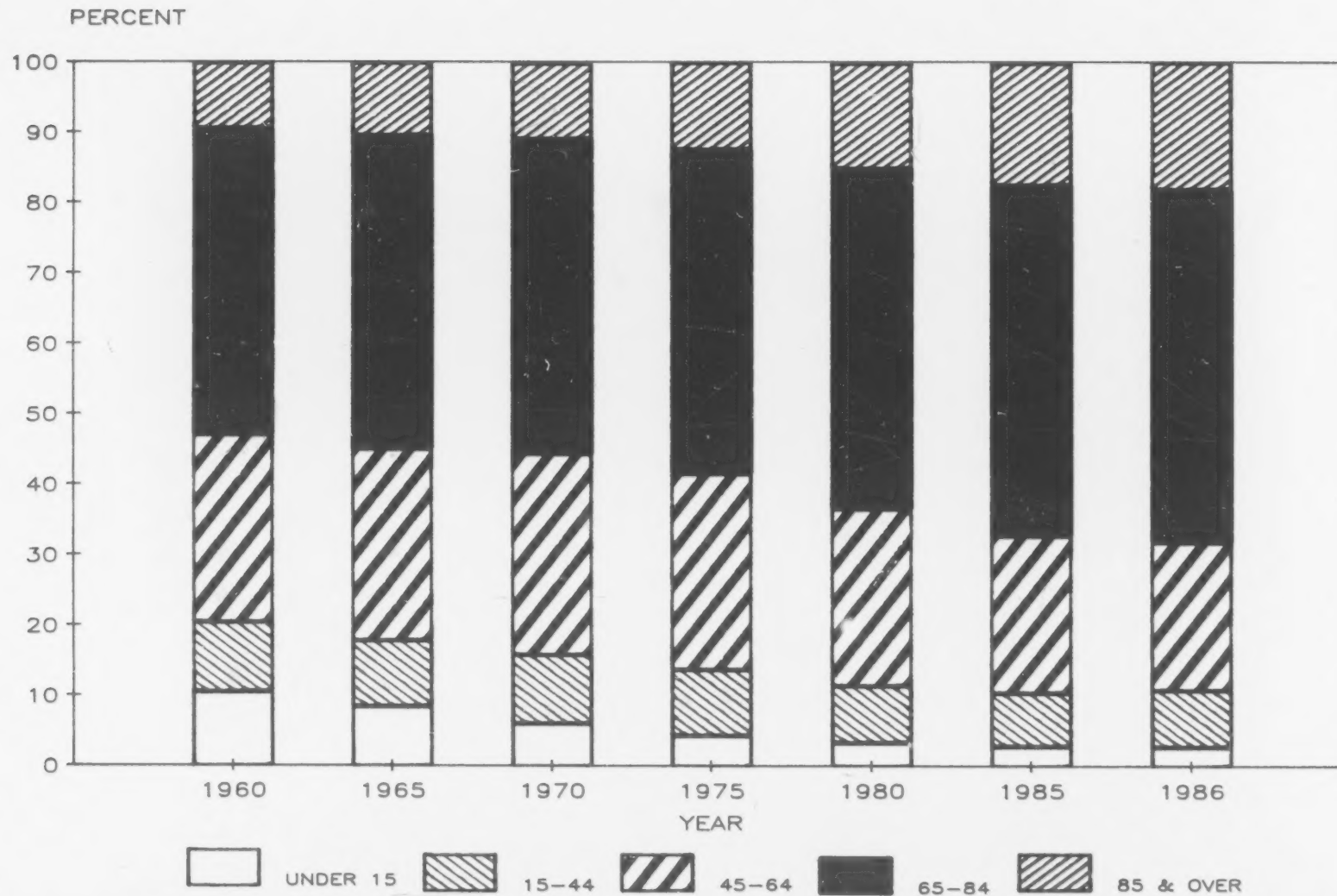
Month of Death. January had the greatest frequency of deaths with 4,282, and February had the largest daily average (143). The lowest number of deaths occurred in August (3,599), while August also had the lowest daily average, 116.

DAILY AVERAGE OF RESIDENT DEATHS BY MONTH
VIRGINIA, 1986

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
127	138	143	135	126	125	121	120	116	121	118	132	134

CHART G

PERCENT OF DEATHS BY AGE GROUP VIRGINIA, 1960-1986



Out-of-State Occurrences. Of the resident total deaths, 6.0 percent occurred outside the State. The District of Columbia and the states that border Virginia accounted for 85.8 percent of these deaths. Of the 2,036 deaths which occurred to out-of-state residents in Virginia, 65.6 percent involved those who were residents of the bordering areas.

DEATHS INVOLVING VIRGINIA AND BORDERING AREAS
VIRGINIA, 1986

Area	Virginia residents dying out-of-state		Out-of-state residents dying in Virginia	
	Number	Percent	Number	Percent
TOTAL	2,779	100.0	2,036	100.0
Tennessee	805	29.0	52	2.6
District of Columbia	527	19.0	97	4.8
North Carolina	404	14.5	495	24.3
Maryland	338	12.2	194	9.5
West Virginia	283	10.2	439	21.6
Kentucky	28	1.0	58	2.8
Other	394	14.2	701	34.4

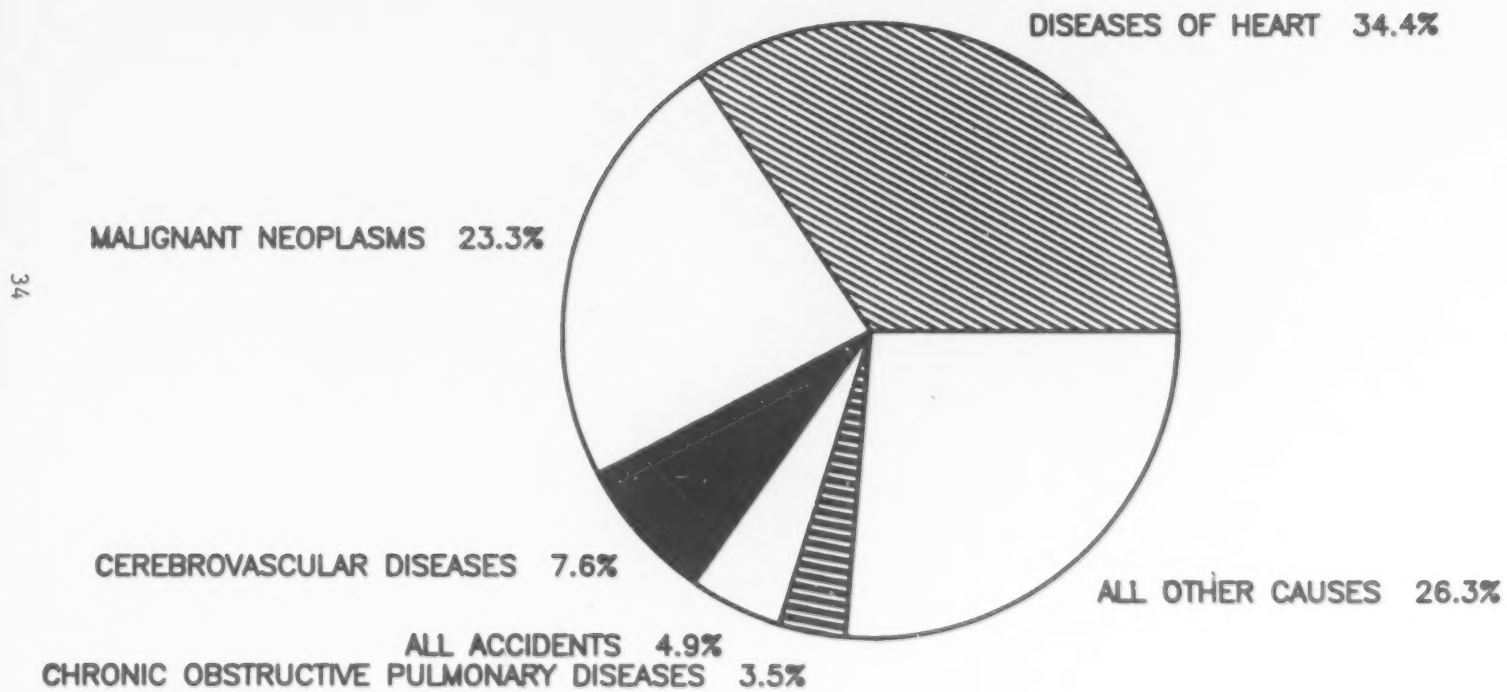
Leading Causes of Death. During the past 36 years, the four leading causes of death have been diseases of heart, malignant neoplasms, cerebrovascular disease, and accidents, ranking first to fourth, respectively, each year. These four causes together have accounted for more than seven out of every ten Virginia resident deaths since 1966.

NUMBER AND RATE PER 100,000 POPULATION FOR THE MAJOR CAUSES OF DEATH
FOR SELECTED YEARS, VIRGINIA, 1950-1986

Year	Diseases of Heart		Malignant Neoplasms		Cerebrovascu- lar Diseases		All Accidents	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1950	9,941	299.5	3,389	102.1	3,653	110.1	2,058	62.0
1955	10,825	295.8	4,058	110.9	3,881	106.1	2,005	54.8
1960	12,512	314.1	4,730	118.8	4,153	104.3	2,000	50.2
1965	13,698	309.5	5,534	125.0	4,256	96.2	2,442	55.2
1970	14,494	310.7	6,383	136.8	4,175	89.5	2,588	55.5
1975	14,587	293.7	7,463	150.3	3,932	79.2	2,508	50.5
1980	15,733	294.3	9,139	170.9	3,750	70.1	2,450	45.8
1985	16,036	280.1	10,455	182.6	3,510	61.3	2,176	38.0
1986	15,981	275.5	10,825	186.6	3,552	61.2	2,273	39.2

CHART H

FIVE LEADING CAUSES OF DEATH VIRGINIA, 1986



Deaths from malignant neoplasms have generally been increasing in number as well as in rate. The respiratory system with 3,323 and the digestive organs and peritoneum with 2,495 were the sites most often reported as primary. These sites accounted for more than one-half of all resident deaths attributed to malignant neoplasms.

LEADING CAUSES OF RESIDENT DEATHS BY RACE AND SEX, VIRGINIA, 1986

Cause	Total		White				Nonwhite			
			Male		Female		Male		Female	
	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
ALL CAUSES	46,476		18,703		17,356		5,810		4,607	
Diseases of heart (390-398,402,404-429)	15,981	1	6,555	1	6,118	1	1,738	1	1,570	1
Malignant neoplasms (140-208)	10,825	2	4,526	2	3,923	2	1,374	2	1,002	2
Cerebrovascular diseases (430-438)	3,552	3	977	4	1,707	3	380	4	488	3
Accidents, all types (E800-E949)	2,273	4	1,180	3	525	6	435	3	133	5
Chronic obstructive pulmonary diseases (490-496)	1,630	5	817	5	618	5	134	7	61	10
Pneumonia & influenza (480-487)	1,592	6	648	6	680	4	171	6	93	7
Suicide (E950-E959)	810	7	559	7	147	10	81	12	23	16
Diabetes mellitus (250)	703	8	196	9	268	8	98	9	141	4
Septicemia (038)	533	9	162	12	208	9	93	10	70	9
Atherosclerosis (440)	529	10	166	10	277	7	42	15	44	12
Other causes	8,048		2,917		2,885		1,264		982	

NOTE: Numbers in parentheses are from ICD, 9th Revision.

Accidental Deaths. Accidents were responsible for the deaths of 2,273 Virginia residents in 1986, a 4.5 percent increase over the 2,176 of 1985. The accidental death rate for 1986 was 39.2 per 100,000 population compared to the provisional United States rate of 39.7.

RESIDENT DEATHS FROM ACCIDENTS AND CAUSES OTHER THAN
ACCIDENTS WITH PERCENTAGES OF TOTAL DEATHS
IN SPECIFIED AGE GROUPS, VIRGINIA, 1986

Age	Accidental Deaths		Non-Accidental Deaths	
	Number	Percent	Number	Percent
TOTAL	2,273	100.0	44,203	100.0
Under 1	16	0.7	942	2.1
1-4	56	2.5	105	0.2
5-14	61	2.7	99	0.2
15-24	477	21.0	417	0.9
25-44	680	29.9	2,201	5.0
45-64	378	16.6	9,371	21.2
65-74	215	9.5	11,062	25.0
75 and over	388	17.1	19,980	45.2
Unknown	2	0.1	26	0.1

As in previous years, accidents was the leading cause of death for Virginians in age groups 1-4 years, 5-14 years, 15-24 years and 25-44 years. These age groups accounted for only 2,822, or 6.4 percent, of the 44,203 non-accidental deaths; but, 56.0 percent of all accidental deaths occurred in these age groups. Accidents accounted for 594, or 48.9 percent, of the 1,215 deaths of Virginians aged 1 through 24.

Males accounted for 71.1 percent of the accidental deaths compared to 52.7 percent of all deaths. White males alone were more than half (51.9 percent) of the accidental death victims. For most types of accidents, males had a much higher number of deaths than females.

RESIDENT ACCIDENTAL DEATHS BY LEADING TYPES OF ACCIDENTS BY SEX
VIRGINIA, 1986

Type of Accident	Total	Male	Female
TOTAL	2,273	1,615	658
Motor vehicle (E810-E825)	1,122	865	257
Falls (E880-E888)	250	121	129
Poisoning, all types (E850-E869)	148	115	33
Fires (E890-E899)	130	86	44
Drowning and submersion (E910)	116	102	14
Suffocation from inhaled or ingested object (E911-E912)	96	56	40
Machinery (E919)	60	58	2
Surgical and medical misadventures and complications (E870-E879)	58	31	27
Falling or projected object or caught between objects (E916-E918)	46	46	
Firearms (E922)	33	29	4
Excessive heat, cold, or exposure (E900-E904)	29	26	3
Water transport (E830-E838)	27	26	1
Aircraft (E840-E845)	20	17	3
Railway (E800-E807)	19	17	2
Electric current (E925)	12	10	2
Mechanical suffocation (E913)	11	5	6
All other	96	5	91

NOTE: Numbers in parentheses are from ICD, 9th Revision.

Motor vehicles, the major cause of accidental deaths, accounted for 49.4 percent of the total. Motor vehicle deaths (1,122) increased by 12.3 percent over the 1985 figure of 999. Virginia's motor vehicle death rate for 1986 was 19.3 per 100,000 population compared to the United States preliminary rate of 20.1 for the same year. Of the total motor vehicle fatalities, 66.8 percent were aged 15 through 44.

The second major cause of accidental deaths was falls, representing 11.0 percent of the total. Of these deaths due to falls, 75.2 percent occurred to those who were 65 years or older.

Of the total accidental deaths, 406, or 17.9 percent, occurred on the home premises. The two principal causes for home accidents were fires (127 deaths) and falls (112 deaths), accounting for 58.9 percent of all home accidental deaths. There were 18 firearm fatalities in the home representing 54.5 percent of the total accidental deaths by this means.

Persons 65 years and older were victims in 40.1 percent of the home accident fatalities. This age group accounted for 31.5 percent of the accidental fire deaths and 79.5 percent of the accidental fall deaths in the home.

CLASSIFICATION OF RESIDENT ACCIDENTAL DEATHS BY RACE, VIRGINIA, 1986

Classification of Accident	Total	White	Nonwhite
TOTAL ACCIDENTAL DEATHS	2,273	1,705	568
Accidental deaths specified as to type:			
Motor vehicle (E810-E825)	1,122	865	257
Other transport (E800-E807,E826-E848)	72	60	12
Home (E850-E949, home)	394	272	122
Other (E850-E949, residual)	685	508	177

NOTE: Numbers in parentheses are from ICD, 9th Revision.

Suicide. Suicide, the seventh leading cause of death in 1986, has been among the ten leading causes of death since 1966. There were 810 suicide deaths recorded for Virginia residents in 1986, resulting in an increase of 7.9 percent over the 751 occurring in 1985. Virginia's rate, 14.0 deaths per 100,000 population, was higher than the United States preliminary rate of 13.1 for 1986.

Suicides were more frequent among whites than nonwhites. While nonwhites comprised 21.5 percent of the population in 1986, only 12.8 percent of the suicidal deaths occurred in that group. Of all suicides, 69.0 percent involved white males; 18.1 percent, white females; 10.0 percent, nonwhite males; and 2.8 percent, nonwhite females.

RESIDENT SUICIDES BY AGE, BY RACE AND SEX
WITH RATES PER 100,000 POPULATION, VIRGINIA, 1986

Race/Sex	Total	Age Groups							
		Under 15	15-24	25-34	35-44	45-54	55-64	65-74	75 & Over
<u>TOTAL</u>	<u>810</u>	<u>8</u>	<u>127</u>	<u>184</u>	<u>145</u>	<u>99</u>	<u>102</u>	<u>86</u>	<u>59</u>
White male	559	2	91	113	104	67	73	62	47
White female	147	4	20	36	26	21	21	12	7
Nonwhite male	81		16	25	11	9	5	10	5
Nonwhite female	23	2		10	4	2	3	2	
<u>TOTAL RATES*</u>	<u>17.4</u>	<u>0.7</u>	<u>13.0</u>	<u>17.9</u>	<u>16.8</u>	<u>16.0</u>	<u>20.3</u>	<u>22.6</u>	<u>25.4</u>
White male	31.4	0.4	23.6	28.1	30.3	26.5	37.5	46.9	74.1
White female	7.6	0.9	5.6	9.0	7.5	8.2	9.7	6.8	5.4
Nonwhite male	18.2	0.0	13.6	22.6	13.7	17.4	12.1	33.7	35.1
Nonwhite female	4.2	1.3	0.0	8.6	4.5	3.3	6.0	5.0	0.0

*Rates for totals of Race/Sex groups based on ages 15 and over.

The largest number (184) of those taking their own lives occurred for the group aged 25-34 years. The greatest age specific rate, however, occurred for persons aged 75 and over. In regard to age-race-sex specific rates, white male rates were highest for all age groups except for the under 15 age group. The rates for white males were much higher for groups containing ages 55 and over than for the younger groups.

In 1986, suicide was the second leading cause of death for the age group 15-24 (after accidents) and it was the fourth leading cause for the age group 25-44 (after accidents, cancer, and heart disease).

Firearms and explosives were the implements used in 66.9 percent of the suicides. Of the 542 deaths by this means, 53.3 percent were under age 45. This method was used by 398, or 71.2 percent, of the 559 white males committing suicide and by 59, or 72.8 percent, of the nonwhite males. Hanging, strangulation and suffocation, the second most used method in 1986, was responsible for 98, or 12.1 percent, of the total suicides; 64.3 percent of these were white males.

RESIDENT SUICIDES BY RACE, SEX AND METHOD
VIRGINIA, 1986

Method	Total	Race/Sex			
		White Male	White Female	Nonwh Male	Nonwh Female
TOTAL	810	559	147	81	23
Firearms and explosives (E955)	542	398	76	59	9
Hanging, strangulation, and suffocation (E953)	98	63	15	16	4
Poisoning by drugs and medicaments (E950.0-E950.5)	63	25	33		5
Poisoning by domestic and other gases (E951-E952)	47	35	12		
Jumping from high places (E957)	15	11	3	1	
Cutting and piercing instruments (E956)	12	9	2	1	
Submersions (drownings) (E954)	12	4	2	3	3
Poisoning by other solid and liquid substances (E950.6-E950.9)	3	2	1		
Other and unspecified means (E958)	18	12	3	1	2

NOTE: Numbers in parentheses are from ICD, 9th Revision.

Homicides. Of the 46,476 deaths occurring to Virginia residents in 1986, homicides accounted for 1.0 percent. The 458 total homicides represented a substantial increase, 7.3 percent, over the 427 homicidal deaths in 1985. Virginia's death rate resulting from homicides, 7.9 per 100,000 population, has increased since 1985. The United States estimated rate for 1986 was 8.9.

In 1986, 219 of the homicide victims were white and 239 were nonwhite, producing rates of 4.8 and 19.2 per 100,000 population, respectively. Homicide was the fifth ranking cause of death for nonwhite males, the eleventh for nonwhite females, the fourteenth for white males, and the fifteenth for white females.

Homicide was the third leading cause of death for the 15-24 age group and fifth for the 25-44 age group. The median age at death for homicide victims was 31.4 years. For white males, it was 32.9 years; for white females, 30.7 years; for nonwhite males, 31.1 years; and for nonwhite females, 29.3 years.

Firearms and explosives were the implements used in 295, or 64.4 percent, of the homicides in 1986. Assault by cutting and piercing instruments, with 75, was the second most frequently used method. Eight deaths were the result of injuries inflicted through legal intervention.

RESIDENT HOMICIDE DEATHS BY RACE BY METHOD
VIRGINIA, 1986

Method	Total	White	Nonwhite
TOTAL	458	219	239
Assault by:			
Firearms and explosives (E965)	295	144	151
Cutting and piercing instruments (E966)	75	25	50
Hanging and strangulation (E963)	17	11	6
Submersion (drowning) (E964)	2	2	
Fight, brawl, rape (E960)	1		1
Corrosive or caustic substance and poisoning (E961-E962)	1	1	
Other and unspecified means (E968)	43	27	16
Child battering and other maltreatment (E967)	12	4	8
Late effects of injury purposely inflicted (E969)	4		4
Injury due to legal intervention (E970-E978)	8	5	3

NOTE: Numbers in parentheses are from ICD, 9th Revision.

MARRIAGES

In 1986, 66,666 marriages were performed in Virginia, an increase of 125, or 0.2 percent, over the 66,541 marriages recorded in 1985. Virginia's rate of 11.5 per 1,000 population for 1986 was higher than the United States provisional rate of 10.0 per 1,000 population.

MARRIAGES BY RACE AND SEX
VIRGINIA, 1986

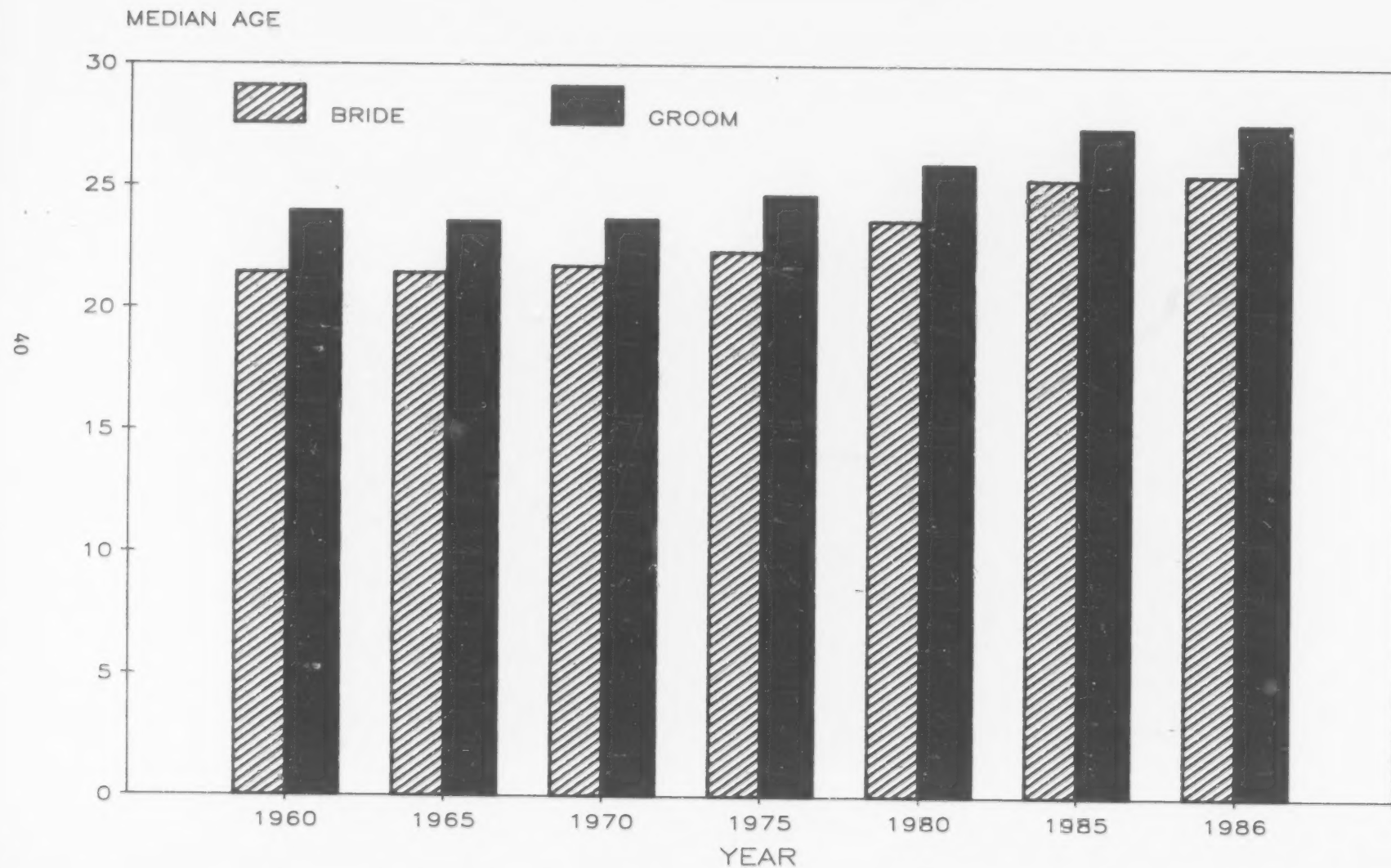
Race/Sex	Total	White Females	Black Females	Other Females
TOTAL	66,666	53,651	11,249	1,766
White males	53,494	52,482	380	632
Black males	11,660	784	10,783	93
Other males	1,512	385	86	1,041

Race. Marriages between white males and white females decreased 1.5 percent from the previous year. For marriages where both parties were black, there was an increase (0.8 percent).

CHART I

MEDIAN AGE AT MARRIAGE

VIRGINIA, 1960-1986



There were 2,360 interracial marriages in 1986, with 1,164 of these being between whites and blacks. A total of 784 involved black males and white females, and 380 were between white males and black females. There were 179 marriages recorded between persons classified as black and "other" race, while 1,017 involved "other" race and whites.

Place of Residence. For 50,292 marriages (75.4 percent), both the bride and the groom were residents of Virginia. There were 3,486 marriages (5.2 percent) between resident brides and non-resident grooms, and 1,787 (2.7 percent) between non-resident brides and resident grooms.

Marriages in which both bride and groom were non-residents of Virginia numbered 11,101 in 1986, 16.7 percent of the total number of marriages performed. This was a decrease of 0.6 percent from the 1985 number of 11,168. States of residence most frequently reported by non-resident brides and grooms married in Virginia were West Virginia, Pennsylvania, Maryland and District of Columbia.

MARRIAGES WHERE AT LEAST ONE PARTY WAS A NON-RESIDENT
BY STATE OF RESIDENCE, VIRGINIA, 1986

State of Residence	Both from Same State	Bride's State	Groom's State
West Virginia	2,749	3,040	2,965
Pennsylvania	1,286	1,481	1,552
Maryland	958	1,419	1,581
District of Columbia	849	1,138	1,141
Ohio	767	908	931
North Carolina	745	1,005	1,352
Kentucky	443	494	539
Tennessee	402	530	593
New Jersey	230	323	364
New York	223	374	568
Florida	215	322	444

Fairfax county, with 6,086, led the State in the number of marriages performed. Following in descending order were Virginia Beach (3,999), Norfolk city (3,886), Arlington county (3,221), and Richmond city (3,077). These five cities and counties accounted for 30.4 percent of the total marriages in 1986.

Age. In 1986, twenty-two was the age most frequently stated for grooms. The most frequently stated age for brides was also twenty-two. Marriages involving brides under twenty-one constituted 20.6 percent of the total marriages, whereas the percent for grooms was 10.6. Couples where both parties were under twenty-one constituted 8.1 percent of the total marriages. Among the brides, 9,734, or 14.6 percent, and among the grooms, 3,917, or 5.9 percent, were teenagers. The median ages for brides and grooms married in 1986 were 25.6 and 27.7 years, respectively. Comparable 1985 median ages were 25.4 and 27.5.

Marital Status. The 34,457 first marriages for both parties in 1986 accounted for 51.7 percent of the total marriages. The median ages for brides and grooms of these marriages were 22.4 and 24.2, respectively.

Brides who were previously married represented 36.3 percent of the total brides, and previously married grooms represented 36.1 percent of the 1986 grooms. In 1985, the percentages for previously married brides and grooms were 36.6 and 36.3, respectively.

Type Ceremony. The 41,973 religious ceremonies accounted for 63.0 percent of the total 1986 marriages. The number of civil ceremonies (24,597) increased by 5.2 percent over the 1985 figure of 23,383. Civil ceremonies accounted for 36.9 percent of the total marriages in 1986.

MARRIAGE CEREMONIES, NUMBER AND PERCENT
BY TYPE OF CEREMONY, VIRGINIA, 1986

Type of Ceremony	Number	Percent
TOTAL	66,666	100.0
Religious	41,973	63.0
Civil	24,597	36.9
Unknown	96	0.1

Month of Marriage. June, as in previous years, was the most popular month for marriages in 1986. During that month, 7,665 marriages were performed with 70.2 percent of these being religious ceremonies. August with 7,110 and May with 7,082 marriages were the second and third most popular months for marriage in 1986. The fewest marriages occurred in January with 3,303. The daily averages for the months are given in the table below.

DAILY AVERAGE OF MARRIAGES BY MONTH
VIRGINIA, 1986

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
183	107	144	142	171	228	256	184	229	193	183	177	176

Education. Of the 42,555 grooms marrying for the first time, 81.4 percent had completed at least 12 years of school. Among the 32,763 white grooms married for the first time, 22.9 percent had finished four or more years of college, while 12.7 percent of the 9,792 nonwhite grooms had finished four or more years of college.

Brides marrying for the first time totaled 42,388 with 83.3 percent completing at least four years of high school. White and nonwhite brides completing four or more years of college were 23.4 and 15.9 percent, respectively.

EDUCATION OF GROOMS AND BRIDES MARRYING FOR THE FIRST TIME
PERCENT COMPLETING EACH GRADE LEVEL BY RACE, VIRGINIA, 1986

Race	Total	Elem.		High School		College		Unk.
		0-6	7-8	9-11	12	1-3	4 or more	
Groom								
Total	100.0	0.9	2.5	15.1	43.1	17.7	20.6	*
White	100.0	0.7	2.7	14.9	41.8	17.1	22.9	*
Nonwhite	100.0	1.9	2.0	16.0	47.5	19.8	12.7	*
Bride								
Total	100.0	0.7	1.9	14.0	40.1	21.6	21.6	*
White	100.0	0.4	2.0	14.4	39.4	20.3	23.4	*
Nonwhite	100.0	1.8	1.6	12.9	42.2	25.6	15.9	0.1

*Less than 0.05 percent.

Of the 24,077 grooms previously married, 77.8 percent completed at least 12 years of school, and 20.7 percent finished four years of college. For the 24,217 previously married brides, 79.0 percent completed at least high school and 13.2 percent finished four years of college.

DIVORCES AND ANNULMENTS

In 1986, 24,875 divorces and annulments were granted in Virginia resulting in a rate of 4.3 per 1,000 population. This was a slight increase over the 1985 rate of 4.2 per 1,000 population. However, Virginia's rate was still lower than the 1986 provisional rate of 4.8 for the United States.

The 1986 Virginia total represented a 3.1 percent increase over the 24,131 divorces and annulments recorded in 1985. There was a decrease between 1984 and 1985 (2.3 percent).

Race. There were 493 interracial divorces in 1986 with 185 separating white and black persons. Sixty-four divorces involved white males and black females, and 121 involved black males and white females. Forty-three divorces occurred for persons classified as "other" races and blacks, while 265 divorces involved whites and "other."

DIVORCES AND ANNULMENTS BY RACE AND SEX
VIRGINIA, 1986

Race/Sex	Total	White Females	Black Females	Other Females
TOTAL	24,875	20,899	3,597	379
White males	20,887	20,668	64	155
Black males	3,663	121	3,516	26
Other males	325	110	17	198

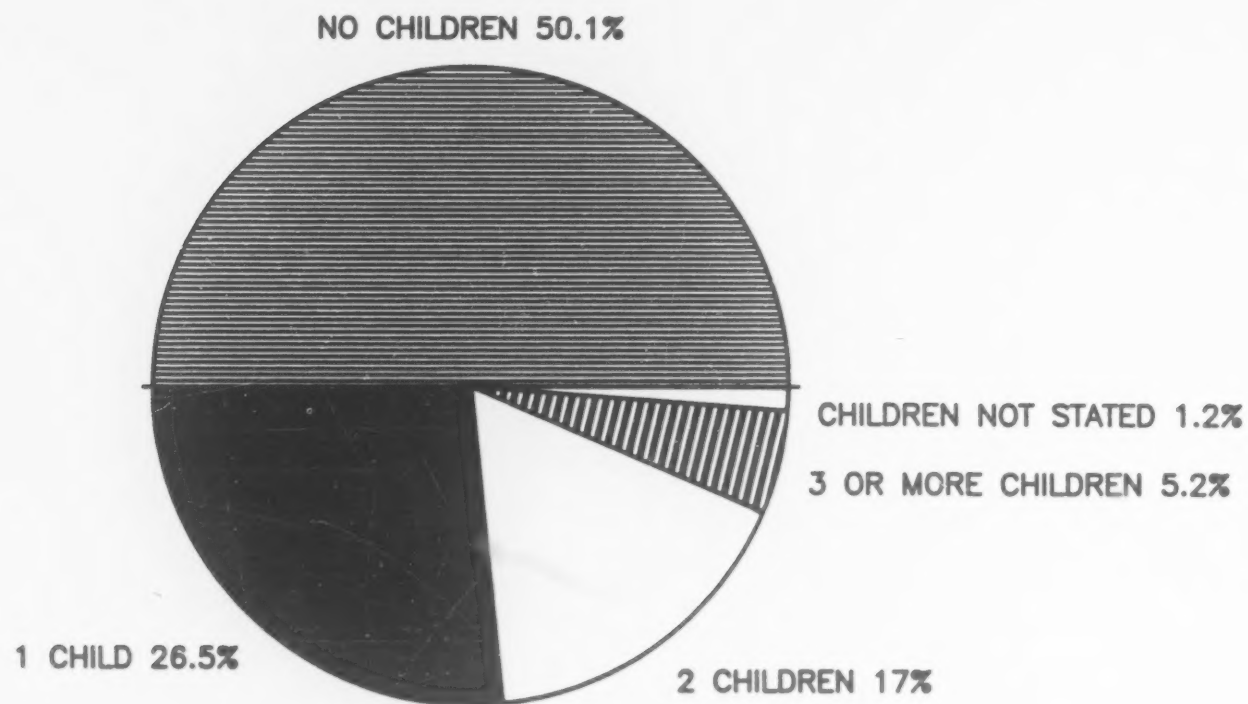
Place of Marriage. Of the total divorces and annulments, 8,252, or 33.2 percent, were granted to persons who were married outside of Virginia.

Age. In 1986, the median age at divorce for all men was 35.0 years, and 32.6 years for all women. Wives under twenty-one were involved in 2.6 percent of all divorces and annulments occurring in 1986, while only 0.7 percent of divorces involved husbands who were under twenty-one.

Children Under 18. In 1986, children under 18 were involved in 48.7 percent of the total divorces and annulments. There were approximately 19,202 such children, 127 more than in 1985. In 43.5 percent of the divorces the couples had one or two children, while 5.2 percent of the divorces involved couples with three or more children. Of the divorces in which the husband was white, 48.1 percent had one or more children as compared to 51.6 percent for those divorces in which the husband was nonwhite.

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DIVORCES INVOLVING CHILDREN
VIRGINIA, 1986



PERCENT OF DIVORCES AND ANNULMENTS WITH NUMBER OF CHILDREN IN FAMILY
BY RACE OF HUSBAND, VIRGINIA, 1986

Children Per Family (18 years and under)	Total	White		Nonwhite	
		Number	Percent	Number	Percent
TOTAL	24,875	20,887	100.0	3,988	100.0
None	12,472	10,578	50.6	1,894	47.5
1 child	6,590	5,469	26.2	1,121	28.1
2 children	4,231	3,561	17.0	670	16.8
3 children	1,075	865	4.1	210	5.3
4 or more children	216	160	0.8	56	1.4
Not stated	291	254	1.2	37	0.9

Grounds for Divorce. Virginia law allows divorce for only a limited number of reasons. In 1986, a total of 93.5 percent of the divorces were granted on grounds of separation for more than six months and 3.6 percent for desertion. In 60.2 percent of the cases, the divorce was granted to the wife. Annulments totaled 72 in 1986.

NUMBER OF DIVORCES AND ANNULMENTS BY CAUSE WITH PERCENT
BY PERSON TO WHOM DIVORCE WAS GRANTED, VIRGINIA, 1986

Cause	Total	Person to Whom Granted					
		Husband		Wife		Other/Unknown	
		Number	Percent	Number	Percent	Number	Percent
TOTAL	24,875	9,850	39.6	14,966	60.2	59	0.2
Separation	23,255	9,302	40.0	13,900	59.8	53	0.2
Desertion	885	326	36.8	557	62.9	2	0.2
Adultery, Sodomy	293	130	44.4	162	55.3	1	0.3
Cruelty	201	17	8.5	184	91.5		0.0
Imprisonment	68	5	7.4	63	92.6		0.0
Other/Unknown	101	36	35.6	62	61.4	3	3.0
Annulments	72	34	47.2	38	52.8		0.0

Marital Status. Couples for which both parties were ending their first marriage accounted for 63.7 percent of the total number of divorces granted. For women getting divorced in 1986, 73.8 were ending their first marriage and 20.9, their second marriage. Comparable percentages for men getting divorced were 73.6 and 21.0.

Duration of Marriage. The median duration of marriage to separation for all divorces was 5.5 years. For divorces in which the husband was white, the median length of time from marriage to separation was 5.7 years, while for divorces in which the husband was nonwhite, the comparable length of time was 4.7 years. For 21.9 percent of the divorces, the couples separated in less than two years, 31.2 percent in 2-5 years, 16.3 percent in 6-9 years, and 30.4 percent in 10 years or more. The duration of marriage to separation was stated as unknown on 51 of the records.

Place of Divorce. The largest number of divorces and annulments were granted in Fairfax county (3,018) which includes Fairfax City and Falls Church. This area was followed by Virginia Beach (1,836), Norfolk (1,196), and Richmond City (1,012).

Month of Divorce. December, with 2,710, was the month with the greatest frequency of divorces. Following in descending order were June (2,364), July (2,195), October (2,182), and September (2,174). The average numbers of divorces per day by month for 1986 are shown in the following table.

DAILY AVERAGE OF DIVORCES AND ANNULMENTS BY MONTH
VIRGINIA, 1986

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
68	56	60	61	69	62	79	71	66	72	70	62	87

Education. Of the 24,875 husbands receiving divorces in 1986, 18,777, or 75.5 percent, had completed at least 12 years of school. Among the 20,887 white husbands, 16,071, or 76.9 percent, had finished 12 years or more of school, while only 2,706, or 67.9 percent, of the 3,988 nonwhite husbands had finished 12 years or more.

EDUCATION OF DIVORCED HUSBANDS AND WIVES
PERCENT COMPLETING EACH GRADE LEVEL BY RACE
VIRGINIA, 1986

Race	Total	Elem.		High School		College		Unk.
		0-6	7-8	9-11	12	1-3	4 or more	
Husband								
Total	100.0	2.4	5.1	15.0	40.5	15.5	19.5	2.1
White	100.0	2.0	5.0	14.3	40.4	15.5	21.0	1.8
Nonwhite	100.0	4.4	5.6	18.7	41.1	15.5	11.2	3.4
Wife								
Total	100.0	1.2	3.4	14.3	44.7	19.2	15.2	2.1
White	100.0	1.0	3.2	13.8	44.9	19.3	15.8	1.9
Nonwhite	100.0	1.9	4.3	16.8	43.2	18.7	11.8	3.2

Among the wives, 79.0 percent had completed 12 or more years of education. White and nonwhite wives completing 12 or more years of education were 80.1 and 73.7 percent, respectively. Education was unknown for 2.1 percent of the husbands and 2.1 percent of the wives.

CREMATIONS

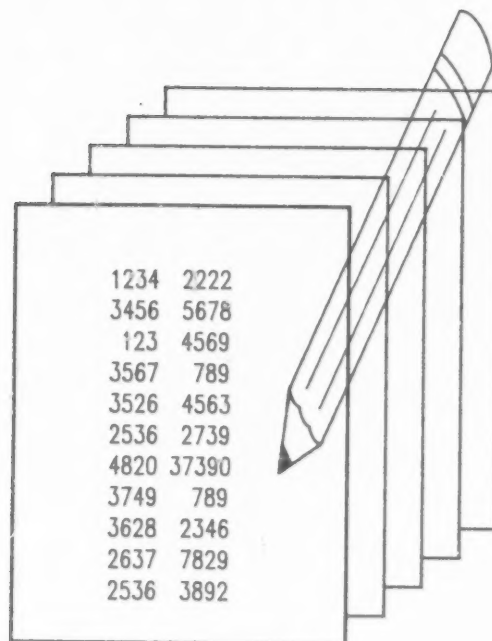
In April, 1980, as required by Virginia Statute, the Department of Health began keeping information on the number of cremations that occur in Virginia. During 1986, a total of 3,731 cremations were reported by crematories registered with the Division of Vital Records giving a ratio of 8.0 cremations per 100 deaths filed in Virginia. Fairfax reported the largest number of cremations in 1986, 910. This figure is low, however, since Fairfax cremations for out-of-state deaths are not included. The 1986 cremations represents a 21.5 percent increase over the 3,072 figure for 1985.

NUMBER OF CREMATIONS BY MONTH OCCURRING IN
CREMATORIES REGISTERED WITH DIVISION OF VITAL RECORDS
VIRGINIA, 1986

City or County of Location	Total	Month of Occurrence											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL CREMATIONS	3,731	314	295	347	311	294	288	323	280	320	290	319	350
Alexandria	99							12	11	21	16	20	19
Bedford City	107	2	8	5	8	14	9	4	11	13	9	14	10
Harrisonburg	174	10	14	12	20	14	18	13	11	13	19	15	15
Newport News	167	11	12	16	16	14	11	20	16	14	14	9	14
Norfolk	421	42	33	24	36	28	38	41	29	50	34	33	33
Salem	239	17	17	31	21	25	19	23	18	12	16	13	27
Virginia Beach	388	40	28	46	30	26	31	33	36	32	17	31	38
Winchester	136	12	15	10	10	11	8	13	14	11	12	7	13
Arlington	312	19	23	16	30	20	24	28	27	32	35	27	31
Clarke	67	5	8	4	4	4	6	5	4	5	3	9	10
Fairfax*	910	91	74	111	78	80	59	72	64	56	68	78	79
Goochland	341	29	28	37	23	27	28	31	15	33	24	32	34
Henrico	349	33	31	31	34	31	36	27	21	28	21	30	26
Tazewell	21	3	4	4	1		1	1	3		2	1	1

*Does Not Include Cremations Where Deaths Occurred Out-Of-State.

Data Tables



An illustration of a stack of papers. The top paper is visible and contains a table of data. A pencil is shown pointing to the table. The stack of papers is represented by several overlapping rectangles, with the pencil passing through them from the top right.

1234	2222
3456	5678
123	4569
3567	789
3526	4563
2536	2739
4820	37390
3749	789
3628	2346
2637	7829
2536	3892

TABLE 1 - VITAL EVENTS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE WITH RATES
(MARRIAGES AND DIVORCES BY PLACE OF OCCURRENCE), VIRGINIA, 1986

Planning District/ City or County	Live Births		All Deaths		Infant Deaths		Induced Abortions	Natural Fetal Deaths	Marriages	Divorces	Estimated Total Population
	Number	Rate	Number	Rate	Number	Rate					
STATE OF VIRGINIA	87,125	15.0	46,476	8.0	958	11.0	31,977	7,397	66,666	24,875	5,800,148
<u>District 1</u>	1,232	11.7	1,135	10.8	13	10.6	107	38	1,457	364	105,384
Lee	305	11.0	270	9.7	4	13.1	24	11	248	102	27,741
Scott	268	10.4	329	12.8	2	7.5	18	3	438	93	25,763
Wise	607	12.9	480	10.2	7	11.5	59	24	717	169	46,958
Norton	52	10.6	56	11.4	2	0.0	6		54		4,922
<u>District 2</u>	1,497	10.2	1,177	8.0	12	8.0	131	120	2,198	473	146,751
Buchanan	406	10.3	275	7.0	4	9.9	30	39	638	117	39,269
Dickenson	198	9.4	154	7.3	2	10.1	16	11	329	63	21,017
Russell	331	9.9	278	8.3	4	12.1	28	28	314	92	33,604
Tazewell	562	10.6	470	8.9	2	3.6	57	42	718	201	52,861
<u>District 3</u>	1,982	10.6	1,906	10.2	23	11.6	286	151	2,197	716	187,359
Bland	75	11.0	59	8.7	1	0.0	11	2	105	28	6,817
Carroll	251	8.8	261	9.2	3	12.0	53	28	345	113	28,442
Grayson	172	10.1	173	10.2	2	11.6	27	15	169	94	17,023
Smyth	360	10.5	365	10.7	3	8.3	43	30	322	143	34,124
Washington	548	11.2	413	8.4	7	12.8	68	32	484	183	48,907
Wythe	299	11.3	289	10.9	3	10.0	62	33	328	95	26,490
Bristol	200	10.7	252	13.5	4	20.0	11	6	357	55	18,612
Galax	77	11.1	94	13.5	1	13.0	11	5	87		6,944
<u>District 4</u>	1,624	11.0	1,097	7.4	10	6.2	701	139	2,741	580	148,227
Floyd	131	10.7	125	10.2	1	7.6	13	17	89	41	12,259
Giles	183	10.1	175	9.6	0	0.0	32	15	1,616	76	18,182
Montgomery	747	11.0	357	5.3	5	6.7	426	61	582	288	67,623
Pulaski	423	11.7	340	9.4	3	7.1	93	37	327	136	36,182
Radford	140	10.0	100	7.2	1	7.1	137	9	127	39	13,981
<u>District 5</u>	3,189	12.3	2,694	10.4	25	7.8	1,138	381	2,810	1,237	259,460
Alleghany	149	10.2	137	9.4	1	6.7	28	11	102	76	14,623
Botetourt	255	10.3	198	8.0	1	3.9	56	38	176	108	24,863
Craig	45	10.6	36	8.5	0	0.0	3	5	29	24	4,234
Roanoke	820	10.5	678	8.7	8	9.8	281	63	569	369	77,858
Clifton Forge	51	9.9	97	18.8	0	0.0	11	7	171	17	5,152
Covington	97	11.9	90	11.1	0	0.0	14	14	304		8,142
Roanoke City	1,505	15.0	1,212	12.1	12	8.0	592	212	1,225	519	100,104
Salem	267	10.9	246	10.0	3	11.2	153	31	234	124	24,484
<u>District 6</u>	2,540	11.6	1,953	8.9	26	10.2	649	175	2,267	898	219,043
Augusta	580	11.2	438	8.5	7	12.1	224	28	383	236	51,794
Beth	62	11.0	61	10.8	0	0.0	16		156	22	5,656
Highland	36	11.6	26	8.4	1	27.8		3	66	4	3,110
Rockbridge	213	11.5	149	8.1	4	18.8	32	4	111	88	18,505
Rockingham	739	13.3	480	8.6	5	6.8	219	64	588	315	55,514
Buena Vista	62	8.9	67	9.6	0	0.0	11	2	105	38	6,969
Harrisonburg	256	9.4	210	7.8	4	15.6	68	37	195		27,094
Lexington	41	5.9	60	8.6	1	24.4	14		85		6,948
Staunton	269	10.8	275	11.1	2	7.4	37	29	336	105	24,794
Waynesboro	282	15.1	187	10.0	2	7.1	28	8	242	90	18,659
<u>District 7</u>	1,922	13.4	1,445	10.1	20	10.4	242	183	3,251	596	143,317
Clarke	144	13.7	115	10.9	0	0.0	32	9	114	44	10,540
Frederick	511	13.4	265	6.9	5	9.8	43	38	251	168	38,150
Page	239	11.6	201	9.8	1	4.2	50	29	204	75	20,611
Shenandoah	360	12.1	369	12.5	5	13.9	26	39	323	116	29,636
Warren	362	15.5	229	9.8	4	11.0	58	27	240	90	23,314
Winchester	306	14.5	266	12.6	5	16.3	33	41	2,119	103	21,066
<u>District 8</u>	20,562	16.6	6,406	5.2	182	8.9	8,203	1,711	15,337	5,376	1,238,978
Arlington	2,457	15.9	1,182	7.6	23	9.4	971	172	3,221	725	154,834
Fairfax	10,788	15.8	3,037	4.5	83	7.7	3,757	836	6,086	3,018	680,695
Loudoun	1,216	18.2	404	6.1	13	10.7	385	81	813	270	66,722
Prince William	3,256	18.8	596	3.4	37	11.4	1,209	276	1,305	860	173,072
Alexandria	1,721	16.1	835	7.8	19	11.0	1,329	218	2,918	503	107,122
Fairfax City	306	14.7	146	7.0	3	9.8	314	16	116		20,830
Falls Church	115	11.9	65	6.7	1	8.7	135	20	372		9,636
Manassas	562	29.4	106	5.5	3	5.3	55	77	499		19,117
Manassas Park	141	20.3	35	5.0	0	0.0	8	15	7		6,950
<u>District 9</u>	1,535	14.9	981	9.6	16	10.4	469	134	1,030	406	102,683
Culpeper	379	15.6	264	10.9	4	10.6	109	26	215	108	24,295
Fauquier	675	16.2	302	7.3	7	10.4	207	57	460	175	41,552
Madison	151	13.9	96	8.9	0	0.0	27	10	104	34	10,826
Orange	254	12.8	241	12.2	5	19.7	106	34	185	71	19,780
Rappahannock	76	12.2	78	12.5	0	0.0	20	7	66	18	6,230
<u>District 10</u>	2,203	14.0	1,266	8.1	23	10.4	958	230	1,419	541	156,827
Albemarle	869	13.6	368	5.8	7	8.1	541	65	471	223	63,726
Fluvanna	171	15.4	91	8.2	2	11.7	32	15	80	28	11,134
Greene	139	17.9	59	6.6	2	12.6	40	18	66	36	8,882
Louisa	271	13.9	198	10.2	5	18.5	69	29	157	48	19,446
Nelson	180	14.5	139	11.2	3	16.7	63	10	101	39	12,453
Charlottesville	553	13.4	411	10.0	4	7.2	213	93	544	167	41,186
<u>District 11</u>	2,609	12.6	1,883	9.1	23	8.8	821	300	1,731	815	207,066
Amherst	373	12.5	241	8.1	3	8.0	117	52	253	120	29,850
Appomattox	141	11.0	110	8.6	1	7.1	39	12	111	52	12,781
Bedford	524	13.0	321	7.9	4	7.6	97	41	326	171	40,386
Campbell	622	12.8	356	7.3	5	8.0	123	54	300	222	48,483
Bedford City	58	9.1	93	14.6	0	0.0	20	133	56		6,370
Lynchburg	891	12.9	762	11.0	10	11.2	425	8	685	250	69,196

(continued)

TABLE 1 - VITAL EVENTS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE WITH RATES
(MARRIAGES AND DIVORCES BY PLACE OF OCCURRENCE), VIRGINIA, 1986 (continued)

Planning District/ City or County	Live Births		All Deaths		Infant Deaths		Induced Abortions	Natural Fetal Deaths	Marriages	Divorces	Estimated Total Population
	Number	Rate	Number	Rate	Number	Rate					
STATE OF VIRGINIA	87,125	15.0	46,476	8.0	958	11.0	31,977	7,397	66,666	24,875	5,800,148
District 12	3,017	12.3	2,418	9.8	35	11.6	955	279	2,421	1,046	246,063
Franklin	469	12.3	306	8.0	3	10.7	117	63	307	91	38,190
Henry	728	12.6	496	8.6	8	11.0	274	50	459	353	57,887
Patrick	179	9.9	173	9.6	1	5.6	34	13	190	69	18,112
Pittsylvania	831	12.3	584	8.6	11	13.2	299	70	525	254	67,753
Danville	560	12.4	627	13.9	7	12.5	150	61	543	200	45,208
Martinsville	250	13.2	232	12.3	3	12.0	81	22	397	79	18,913
District 13	943	11.2	966	11.5	15	15.9	291	110	717	300	83,994
Brunswick	190	11.8	191	11.9	7	36.8	63	21	111	43	16,048
Halifax	319	10.4	326	10.6	2	6.3	106	33	277	141	30,734
Mecklenburg	353	11.8	366	12.3	6	17.0	89	37	292	116	29,859
South Boston	81	11.0	83	11.3	3	0.0	33	19	37		7,353
District 14	1,089	12.7	990	11.5	20	18.4	361	87	689	266	86,084
Amelia	132	14.8	91	10.2	2	15.2	36	7	73	37	8,894
Buckingham	168	13.7	142	11.6	4	23.8	36	16	109	35	12,274
Charlotte	139	11.8	137	11.7	3	21.6	42	12	98	36	11,758
Cumberland	106	12.7	81	9.7	3	28.3	34	9	48	21	8,334
Lunenburg	160	13.1	148	12.1	1	6.3	50	16	88	35	12,248
Nottoway	183	12.2	227	15.2	3	16.4	71	20	141	48	14,940
Prince Edward	201	11.4	164	9.3	4	19.9	92	7	132	54	17,636
District 15	10,330	14.9	5,978	8.6	142	13.7	5,550	982	6,469	3,345	692,828
Charles City Co.	90	13.2	65	9.5	3	33.3	40	7	62	13	6,832
Chesterfield	2,836	16.0	802	4.5	27	9.5	1,058	304	1,175	962	177,761
Coonhland	163	12.5	108	8.3	2	12.3	57	10	138	36	12,996
Hanover	684	12.1	430	7.6	7	10.2	286	78	449	240	56,473
Henrico	2,767	14.0	1,792	9.1	34	12.3	1,644	279	1,381	992	197,106
New Kent	152	14.4	74	7.0	1	0.0	35	11	62	40	10,540
Powhatan	165	11.1	92	6.2	1	6.1	63	7	125	50	14,936
Richmond City	3,473	16.1	2,615	12.1	68	19.6	2,367	286	3,077	1,012	216,284
District 16	2,184	15.3	967	6.8	18	8.2	744	180	1,381	567	142,290
Caroline	280	14.3	172	8.8	3	10.7	125	18	139	56	19,539
King George	199	16.7	98	8.2	2	10.1	62	14	135	35	11,911
Spotsylvania	703	17.1	253	6.2	3	4.3	152	41	317	204	41,009
Stafford	688	13.7	257	5.1	7	10.2	176	63	380	191	50,227
Fredericksburg	314	16.0	187	9.5	3	9.6	229	44	410	81	19,604
District 17	560	13.0	574	13.3	3	5.4	188	23	351	120	43,073
Lancaster	133	11.8	172	15.3		0.0	46	5	89	29	11,263
Northumberland	109	10.7	153	15.0		0.0	41	3	68	26	10,182
Richmond	96	13.3	70	10.8	2	20.8	37	5	60	18	7,236
Westmoreland	222	15.4	171	11.9	1	4.5	64	10	134	47	14,392
District 18	931	13.4	740	10.7	7	7.5	274	50	604	276	69,387
Essex	125	13.7	100	10.9		0.0	52	8	74	35	9,139
Gloucester	408	15.7	232	8.9	3	7.4	94	27	238	111	26,062
King and Queen	81	12.6	79	12.3	3	37.0	28	6	59	20	6,420
King William	145	14.0	94	9.1	1	6.9	57	14	80	28	10,346
Mathews	77	8.6	121	13.6		0.0	17	1	80	41	8,913
Middlesex	95	11.2	114	13.4		0.0	26	4	73	41	8,507
District 19	2,424	14.8	1,537	9.4	37	15.3	923	223	1,844	622	163,313
Dinwiddie	251	11.5	190	8.7	4	15.9	50	17	123	70	21,901
Greensville	145	13.4	87	8.0	1	6.9	38	7	35	50	10,860
Prince George	331	11.9	140	5.1	2	6.0	104	24	192	100	27,705
Surry	100	16.0	72	11.5	1	10.0	32	2	48	14	6,268
Sussex	174	16.9	127	12.3	1	5.7	50	20	101	35	10,299
Colonial Heights	196	11.4	144	8.4	3	15.3	103	25	266	78	17,175
Emporia	57	12.1	74	15.7	2	35.1	19	8	295		4,712
Hopewell	435	17.9	264	10.9	12	27.6	152	25	306	133	24,317
Petersburg	735	18.3	439	11.0	11	15.0	375	95	478	142	40,076
District 20	17,474	18.6	7,078	7.5	214	12.2	6,255	1,393	10,889	4,446	938,414
Isle of Wight	393	16.8	191	8.2	4	10.2	94	25	209	75	23,353
Southampton	176	9.6	218	11.9	2	11.4	38	18	171	79	18,308
Chesapeake	2,326	17.7	991	7.5	22	9.5	762	208	1,003	588	131,609
Franklin City	171	21.4	95	11.9	3	17.5	47	12	52		7,975
Norfolk	5,396	19.9	2,310	8.5	79	14.6	1,959	478	3,886	1,196	271,624
Portsmouth	1,920	17.3	1,105	10.0	26	13.5	652	165	1,127	518	110,727
Suffolk	784	15.0	539	10.3	12	15.3	199	96	442	154	52,361
Virginia Beach	6,308	19.6	1,629	5.1	66	10.5	2,504	391	3,999	1,836	322,457
District 21	6,625	17.8	2,676	7.2	83	11.5	2,599	442	4,326	1,716	372,900
James City Co.	357	13.0	163	5.9	4	11.2	50	28	134	122	27,488
York	318	7.8	180	4.4	3	9.4	97	18	265	183	40,603
Hampton	2,379	18.8	930	7.4	30	12.6	978	178	1,298	518	126,283
Newport News	3,212	20.5	1,259	8.0	43	13.4	1,208	189	1,949	859	157,036
Poquoson	109	10.4	60	5.7	1	9.2	42	5	68		10,526
Williamsburg	250	22.8	84	7.7	2	8.0	224	24	612	34	10,964
District 22	653	14.0	609	13.0	11	16.8	116	54	432	169	46,707
Accomack	459	14.4	430	13.5	5	10.9	79	35	296	111	31,965
Northampton	194	13.2	179	12.1	6	30.9	37	19	136	58	14,742
Unknown							16	2	100		
Out-of-State									5		

*Included in adjoining county.

NOTE: Some abortions that occurred in other states for residents of Virginia are included.

TABLE 2 - PROJECTED POPULATION* FOR JULY 1, 1986, BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA

Planning District/ City or County	Total	White	Nonwhite	Planning District/ City or County	Total	White	Nonwhite
STATE OF VIRGINIA	5,800,148	4,555,791	1,244,357				
District 1	105,384	103,679	1,705	District 12	246,063	185,279	60,784
Lee	27,741	27,576	165	Franklin	38,190	33,561	4,629
Scott	25,763	25,577	186	Henry	57,887	44,112	13,775
Wise	46,958	45,908	1,050	Patrick	18,112	16,662	1,450
Norton	4,922	4,618	304	Pittsylvania	67,753	48,542	19,211
District 2	146,751	144,541	2,210	Danville	45,208	29,789	15,419
Buchanan	39,269	39,087	182	Martinsville	18,913	12,613	6,300
Dickenson	21,017	20,874	143	District 13	83,994	48,155	35,839
Russell	33,604	33,254	350	Brunswick	16,048	6,799	9,249
Tazewell	52,861	51,326	1,535	Halifax	30,734	18,565	12,169
District 3	187,359	182,142	5,217	Necklenburg	29,859	18,316	11,543
Bland	6,817	6,569	248	South Boston	7,353	4,475	2,878
Carroll	28,442	28,293	149	District 14	86,084	52,776	33,308
Grayson	17,023	16,427	596	Amelia	8,894	5,882	3,012
Smyth	34,124	33,432	692	Buckingham	12,274	7,025	5,249
Washington	48,907	47,974	933	Charlotte	11,758	7,502	4,256
Westhe	26,490	25,481	1,009	Cumberland	8,334	4,795	3,539
Wincol	18,612	17,374	1,238	Lunenburg	12,248	7,746	4,502
Galax	6,944	6,592	352	Nottoway	14,940	8,908	6,032
District 4	148,227	141,619	6,608	Prince Edward	17,636	10,918	6,718
Floyd	12,259	11,892	367	District 15	692,828	491,286	201,542
Giles	18,182	17,767	415	Charles City Co.	6,832	1,357	5,475
Montgomery	67,623	64,916	2,707	Chesterfield	177,761	159,820	17,941
Pulaski	36,182	34,119	2,063	Goochland	12,996	8,810	4,186
Radford	13,981	12,925	1,056	Hanover	56,473	49,893	6,580
District 5	259,460	228,046	31,414	Henrico	197,106	158,057	39,049
Alleghany	14,623	14,202	421	New Kent	10,540	8,138	2,402
Botetourt	24,863	23,987	876	Powhatan	14,836	11,519	3,317
Craig	4,234	4,219	15	Richmond City	216,284	93,692	122,592
Roanoke	77,858	75,728	2,130	District 16	142,290	117,871	24,419
Clifton Forge	5,152	4,286	866	Caroline	19,539	11,274	8,265
Covington	8,142	6,906	1,236	King George	11,911	9,128	2,783
Roanoke City	100,104	75,390	24,714	Spotsylvania	41,009	35,469	5,540
Salem	24,484	23,328	1,156	Stafford	50,227	46,446	3,781
District 6	219,043	208,176	10,867	Fredericksburg	19,604	15,554	4,050
Augusta	51,794	49,724	2,070	District 17	43,073	28,689	14,384
Bath	5,656	5,140	516	Lancaster	11,263	7,640	3,623
Highland	3,110	3,082	28	Northumberland	10,182	6,873	3,309
Rockbridge	18,505	17,979	526	Richmond	7,236	5,126	2,110
Rockingham	55,514	54,431	1,083	Westmoreland	14,392	9,050	5,342
Buena Vista	6,969	6,675	294	District 18	69,387	51,976	17,411
Harrisonburg	27,094	25,955	1,139	Essex	9,139	5,388	3,751
Lexington	6,948	6,196	752	Gloucester	26,062	22,586	3,476
Staunton	24,794	22,022	2,772	King and Queen	6,420	3,506	2,914
Waynesboro	18,659	16,972	1,687	King William	10,346	6,774	3,572
District 7	143,317	136,910	6,407	Mathews	8,913	7,510	1,403
Clarke	10,540	9,429	1,111	Middlesex	8,507	6,212	2,295
Frederick	38,150	37,522	628	District 19	163,313	93,409	69,904
Page	20,611	20,022	589	Dinwiddie	21,901	13,671	8,230
Shenandoah	29,636	29,159	477	Greensville	10,860	4,613	6,247
Warren	23,314	21,898	1,416	Prince George	27,705	18,058	9,647
Winchester	21,066	18,880	2,186	Surry	6,268	2,505	3,763
District 8	1,238,978	1,039,590	199,388	Sussex	10,299	4,376	5,923
Arlington	154,834	120,843	33,991	Colonial Heights	17,175	16,900	275
Fairfax	680,695	582,857	97,838	Emporia	4,712	2,715	1,997
Loudoun	66,722	60,439	6,283	Hopewell	24,317	18,663	5,654
Prince William	173,072	152,880	20,192	Petersburg	40,076	11,908	28,168
Alexandria	107,122	71,477	35,645	District 20	938,414	641,457	296,957
Fairfax City	20,830	19,011	1,819	Isle of Wight	23,353	14,751	8,602
Falls Church	9,636	8,695	941	Southampton	18,308	9,736	8,572
Manassas	19,117	16,970	2,147	Chesapeake	131,609	92,331	39,278
Manassas Park	6,950	6,418	532	Franklin City	7,975	3,587	4,388
District 9	102,683	85,671	17,012	Norfolk	271,624	157,581	114,043
Culpeper	24,295	19,769	5,026	Portsmouth	110,727	56,526	54,201
Fauquier	41,552	35,599	5,953	Suffolk	52,361	28,150	24,211
Madison	10,826	8,892	1,934	Virginia Beach	322,457	278,795	43,662
Orange	19,780	16,267	3,513	District 21	372,900	250,894	122,006
Rappahannock	6,230	5,644	586	James City Co.	27,488	20,100	7,388
District 10	156,827	128,409	28,418	York	40,603	32,775	7,828
Albemarle	63,726	56,113	7,613	Hampton	126,283	76,385	49,898
Fluvanna	11,134	7,970	3,164	Newport News	157,036	101,783	55,253
Greene	8,882	8,218	664	Poquoson	10,526	10,395	131
Louisia	19,446	13,401	6,045	Williamsburg	10,964	9,456	1,508
Nelson	12,453	9,945	2,508	District 22	46,707	27,340	19,367
Charlottesville	41,186	32,762	8,424	Accomack	31,965	19,819	12,146
District 11	207,066	167,876	39,190	Northampton	14,742	7,521	7,221
Amherst	29,850	23,611	6,239				
Appomattox	12,781	9,867	2,914				
Bedford	40,386	36,633	3,753				
Campbell	48,483	41,470	7,013				
Redford City	6,370	5,052	1,318				
Lynchburg	69,196	51,243	17,953				

*Figures from the Department of Planning and Budget.

TABLE 3
ESTIMATED POPULATION, BIRTHS, DEATHS, MARRIAGES, AND DIVORCES
WITH RATES PER 1,000 POPULATION BY RACE, VIRGINIA, 1967-1986

YEAR	RACE	ESTIMATED POPULATION	RESIDENT BIRTHS		RESIDENT DEATHS		MARRIAGES		DIVORCES (including annulments)	
			Number	Rate	Number	Rate	Number	Rate	Number	Rate
1967	Total	4,602,091	82,775	18.0	37,191	8.1	48,653	10.6	9,682	2.1
	White	3,706,154	62,769	16.9	27,939	7.5	40,881	11.0	7,975	2.2
	Nonwhite	895,937	20,006	22.3	9,252	10.3	7,772	8.7	1,707	1.9
1968	Total	4,692,675	82,138	17.5	39,687	8.5	52,173	11.1	10,571	2.3
	White	3,780,317	63,296	16.7	29,852	7.9	44,008	11.6	8,715	2.3
	Nonwhite	912,358	18,842	20.7	9,835	10.8	8,165	8.9	1,856	2.0
1969	Total	4,781,175	83,420	17.4	39,048	8.2	52,575	11.0	11,417	2.4
	White	3,858,719	64,833	16.8	29,368	7.6	44,367	11.5	9,460	2.5
	Nonwhite	922,456	18,587	20.1	9,680	10.5	8,208	8.9	1,957	2.1
1970	Total	4,665,532	86,081	18.5	39,009	8.4	51,964	11.1	11,879	2.5
	White	3,772,853	66,657	17.7	29,618	7.9	44,066	11.7	9,880	2.6
	Nonwhite	892,679	19,424	21.8	9,391	10.5	7,898	8.8	1,999	2.2
1971	Total	4,714,227	82,713	17.5	39,464	8.4	52,158	11.1	13,261	2.8
	White	3,825,758	63,592	16.6	30,282	7.9	44,202	11.6	11,083	2.9
	Nonwhite	888,469	19,121	21.5	9,182	10.3	7,956	9.0	2,178	2.5
1972	Total	4,764,000	75,068	15.8	40,886	8.6	55,863	11.7	14,155	3.0
	White	3,871,370	57,440	14.8	31,392	8.1	47,232	12.2	11,741	3.0
	Nonwhite	892,630	17,628	19.7	9,494	10.6	8,631	9.7	2,414	2.7
1973	Total	4,811,000	71,665	14.9	41,103	8.5	58,431	12.1	16,078	3.3
	White	3,921,430	54,877	14.0	31,536	8.0	49,388	12.6	13,202	3.4
	Nonwhite	889,570	16,788	18.9	9,567	10.8	9,043	10.2	2,876	3.2
1974	Total	4,908,000	71,066	14.5	40,561	8.3	56,617	11.5	16,704	3.4
	White	4,015,380	54,248	13.5	31,298	7.8	47,882	11.9	13,871	3.5
	Nonwhite	892,620	16,818	18.8	9,263	10.4	8,735	9.8	2,833	3.2
1975	Total	4,966,200	70,032	14.1	39,543	8.0	54,688	11.0	19,361	3.9
	White	4,068,490	53,207	13.1	30,522	7.5	46,907	11.5	16,332	4.0
	Nonwhite	897,710	16,825	18.7	9,021	10.0	7,781	8.7	3,029	3.4
1976	Total	5,032,300*	69,972	13.9	40,056	8.0	56,469	11.2	21,381	4.2
	White	4,095,340	53,012	12.9	30,946	7.6	48,478	11.8	18,077	4.4
	Nonwhite	936,960	16,960	18.1	9,110	9.7	7,991	8.5	3,304	3.5
1977	Total	5,134,500*	74,246	14.5	39,744	7.7	57,778	11.3	21,459	4.2
	White	4,184,080	55,662	13.3	30,642	7.3	49,175	11.8	18,181	4.3
	Nonwhite	950,520	18,584	19.6	9,102	9.6	8,603	9.1	3,278	3.4
1978	Total	5,148,100*	73,349	14.2	40,649	7.9	58,967	11.5	22,654	4.4
	White	4,152,430	54,921	13.2	31,497	7.6	50,187	12.1	19,182	4.6
	Nonwhite	995,470	18,428	18.5	9,152	9.2	8,780	8.8	3,472	3.5
1979	Total	5,259,424	76,899	14.6	40,798	7.8	58,678	11.2	23,555	4.5
	White	4,152,277	56,736	13.7	31,749	7.6	49,775	12.0	19,678	4.7
	Nonwhite	1,107,147	20,163	18.2	9,049	8.2	8,903	8.0	3,877	3.5
1980	Total	5,346,279	78,423	14.7	42,496	7.9	60,210	11.3	23,615	4.4
	White	4,229,734	58,047	13.7	32,865	7.8	51,317	12.1	19,770	4.7
	Nonwhite	1,116,545	20,376	18.2	9,631	8.6	8,893	8.0	3,845	3.4
1981	Total	5,429,700	79,278	14.6	42,199	7.8	61,410	11.3	25,103	4.6
	White	4,295,733	58,820	13.7	32,954	7.7	52,061	12.1	21,154	4.9
	Nonwhite	1,133,967	20,458	18.0	9,245	8.2	9,349	8.2	3,949	3.5
1982	Total	5,461,961	81,098	14.8	41,897	7.7	62,099	11.4	26,138	4.8
	White	4,303,418	60,469	14.1	32,826	7.6	52,543	12.2	22,278	5.2
	Nonwhite	1,158,543	20,629	17.8	9,071	7.8	9,556	8.2	3,860	3.3
1983	Total	5,527,218	80,779	14.6	43,734	7.9	61,858	11.2	25,482	4.6
	White	4,346,502	60,086	13.8	34,112	7.8	51,984	12.0	21,503	4.9
	Nonwhite	1,180,716	20,693	17.5	9,622	8.1	9,874	8.4	3,979	3.4
1984	Total	5,598,403	82,662	14.8	44,252	7.9	66,143	11.8	24,705	4.4
	White	4,393,849	61,391	14.0	34,507	7.9	54,804	12.5	20,977	4.8
	Nonwhite	1,204,554	21,271	17.7	9,745	8.1	11,339	9.4	3,728	3.1
1985	Total	5,725,957	85,984	15.0	45,236	7.9	66,541	11.6	24,131	4.2
	White	4,502,420	63,999	14.2	35,331	7.8	54,097	12.0	20,340	4.5
	Nonwhite	1,223,537	21,985	18.0	9,905	8.1	12,444	10.2	3,791	3.1
1986	Total	5,800,148	87,125	15.0	46,476	8.0	66,666	11.5	24,875	4.3
	White	4,555,791	64,400	14.1	36,059	7.9	53,494	11.7	20,887	4.6
	Nonwhite	1,244,357	22,725	18.3	10,417	8.4	13,172	10.6	3,988	3.2

*Due to rounding, the sum of the white and nonwhite is not equal to the total.

TABLE 4
RESIDENT ILLEGITIMATE BIRTHS AND LOW WEIGHT BIRTHS WITH PERCENT OF TOTAL BIRTHS, AND DEATHS
UNDER ONE YEAR AND UNDER 28 DAYS WITH RATE PER 1,000 LIVE BIRTHS BY RACE
VIRGINIA, 1967-1986

Year	Race	Illegitimate Births		Low Weight Births		Infant Deaths			
		Number	Percent	Number	Percent	Total Under One Year		Under 28 Days	
						Number	Rate	Number	Rate
1967	Total	9,178	11.1	7,469	9.0	2,007	24.2	1,460	17.6
	White	2,907	4.6	4,710	7.5	1,254	20.0	974	15.5
	Nonwhite	6,271	31.3	2,759	13.8	753	37.6	486	24.3
1968	Total	9,397	11.4	7,221	8.8	1,885	22.9	1,405	17.1
	White	3,139	5.0	4,641	7.3	1,189	18.8	943	14.9
	Nonwhite	6,258	33.2	2,580	13.7	696	36.9	462	24.5
1969	Total	9,583	11.5	7,126	8.5	1,849	22.2	1,399	16.8
	White	3,323	5.1	4,684	7.2	1,231	19.0	963	14.9
	Nonwhite	6,260	33.7	2,442	13.1	618	33.2	436	23.5
1970	Total	10,263	11.9	7,200	8.4	1,790	20.8	1,400	16.3
	White	3,354	5.0	4,549	6.8	1,144	17.2	927	13.9
	Nonwhite	6,909	35.6	2,651	13.6	646	33.3	473	24.4
1971	Total	10,071	12.2	6,658	8.0	1,697	20.5	1,280	15.5
	White	3,004	4.7	4,284	6.7	1,126	17.7	861	13.5
	Nonwhite	7,067	37.0	2,374	12.4	571	29.9	419	21.9
1972	Total	9,806	13.1	5,956	7.9	1,524	20.3	1,161	15.5
	White	2,699	4.7	3,710	6.5	986	17.2	768	13.4
	Nonwhite	7,107	40.3	2,246	12.7	538	30.5	393	22.3
1973	Total	9,514	13.3	5,478	7.6	1,313	18.3	1,000	14.0
	White	2,707	4.9	3,471	6.3	872	15.9	686	12.5
	Nonwhite	6,807	40.5	2,007	12.0	441	26.3	314	18.7
1974	Total	9,738	13.7	5,394	7.6	1,236	17.4	947	13.3
	White	2,782	5.1	3,365	6.2	797	14.7	612	11.3
	Nonwhite	6,956	41.4	2,029	12.1	439	26.1	335	19.9
1975	Total	10,220	14.6	5,377	7.7	1,233	17.6	931	13.3
	White	3,040	5.7	3,322	6.2	802	15.1	600	11.3
	Nonwhite	7,180	42.7	2,055	12.2	431	25.6	331	19.7
1976	Total	10,703	15.3	5,274	7.5	1,143	16.3	838	12.0
	White	3,334	6.3	3,207	6.0	699	13.2	518	9.8
	Nonwhite	7,369	43.4	2,067	12.2	444	26.2	320	18.9
1977	Total	12,125	16.3	5,451	7.3	1,167	15.7	834	11.2
	White	3,742	6.7	3,287	5.9	724	13.0	511	9.2
	Nonwhite	8,383	45.1	2,164	11.6	443	23.8	323	17.4
1978	Total	12,546	17.1	5,399	7.4	989	13.5	693	9.4
	White	3,953	7.2	3,247	5.9	611	11.1	423	7.7
	Nonwhite	8,593	46.6	2,152	11.7	378	20.5	270	14.7
1979	Total	14,246	18.5	5,814	7.6	1,135	14.8	835	10.9
	White	4,417	7.8	3,461	6.1	712	12.5	530	9.3
	Nonwhite	9,829	48.7	2,353	11.7	423	21.0	305	15.1
1980	Total	14,995	19.1	5,916	7.5	1,075	13.7	779	9.9
	White	4,950	8.5	3,404	5.9	686	11.8	488	8.4
	Nonwhite	10,045	49.3	2,512	12.3	389	19.1	291	14.3
1981	Total	15,353	19.4	5,851	7.4	1,000	12.6	724	9.1
	White	5,174	8.8	3,444	5.9	624	10.6	443	7.5
	Nonwhite	10,179	49.8	2,407	11.8	376	18.4	281	13.7
1982	Total	15,923	19.6	5,944	7.3	1,046	12.9	762	9.4
	White	5,578	9.2	3,456	5.7	647	10.7	462	7.6
	Nonwhite	10,345	50.1	2,488	12.1	399	19.3	300	14.5
1983	Total	16,627	20.6	5,905	7.3	986	12.2	693	8.6
	White	6,009	10.0	3,434	5.7	577	9.6	387	6.4
	Nonwhite	10,618	51.3	2,471	11.9	409	19.8	306	14.8
1984	Total	17,197	20.8	6,036	7.3	1,014	12.3	724	8.8
	White	6,098	9.9	3,534	5.8	606	9.9	436	7.1
	Nonwhite	11,099	52.2	2,502	11.8	408	19.2	288	13.5
1985	Total	18,421	21.4	6,070	7.1	990	11.5	696	8.1
	White	6,897	10.8	3,597	5.6	589	9.2	414	6.5
	Nonwhite	11,524	52.4	2,473	11.2	401	18.2	282	12.8
1986	Total	19,493	22.4	6,207	7.1	958	11.0	645	7.4
	White	7,516	11.7	3,659	5.7	565	8.8	374	5.8
	Nonwhite	11,977	52.7	2,548	11.2	393	17.3	271	11.9

TABLE 5
RESIDENT TOTAL PREGNANCY TERMINATIONS, LIVE BIRTHS, ALL FETAL DEATHS, INDUCED ABORTIONS
AND NATURAL FETAL DEATHS WITH RATES PER 1,000 FEMALES AGED 15-44 BY RACE
VIRGINIA, 1967-1986

Year	Race	Total Pregnancy Terminations		Live Births		All Fetal Deaths					
						Total		Induced Abortions		Natural Fetal Deaths*	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1967	Total	88,604	92.4	82,775	86.3	5,829	6.1				
	White	67,248	86.4	62,769	80.6	4,479	5.8				
	Nonwhite	21,356	118.0	20,006	110.5	1,350	7.5				
1968	Total	88,178	90.2	82,138	84.1	6,040	6.2				
	White	67,975	85.6	63,296	79.7	4,679	5.9				
	Nonwhite	20,203	110.3	18,842	102.9	1,361	7.4				
1969	Total	89,801	90.3	83,420	83.9	6,381	6.4				
	White	69,865	86.3	64,833	80.1	5,032	6.2				
	Nonwhite	19,936	107.6	18,587	100.3	1,349	7.3				
1970	Total	94,554	93.4	86,081	85.0	8,473	8.4	1,633	1.6	6,840	6.8
	White	73,388	89.0	66,657	80.8	6,731	8.2	1,428	1.7	5,303	6.4
	Nonwhite	21,166	113.0	19,424	103.7	1,742	9.3	205	1.1	1,537	8.2
1971	Total	92,573	88.8	82,713	79.4	9,860	9.5	3,764	3.6	6,096	5.8
	White	70,720	83.1	63,592	74.7	7,128	8.4	2,528	3.0	4,600	5.4
	Nonwhite	21,853	114.3	19,121	100.0	2,732	14.3	1,236	6.5	1,496	7.8
1972	Total	85,547	79.8	75,068	70.0	10,479	9.8	4,564	4.3	5,915	5.5
	White	64,193	73.2	57,440	65.5	6,753	7.7	2,371	2.7	4,382	5.0
	Nonwhite	21,354	109.4	17,628	90.3	3,726	19.1	2,193	11.2	1,533	7.9
1973	Total	84,373	76.6	71,665	65.0	12,708	11.5	7,136	6.5	5,572	5.1
	White	63,093	69.9	54,877	60.8	8,216	9.1	4,068	4.5	4,148	4.6
	Nonwhite	21,280	106.9	16,788	84.3	4,492	22.6	3,068	15.4	1,424	7.2
1974	Total	90,257	79.7	71,066	62.8	19,191	17.0	13,594	12.0	5,597	4.9
	White	66,896	72.0	54,248	58.4	12,648	13.6	8,437	9.1	4,211	4.3
	Nonwhite	23,361	115.1	16,818	82.9	6,543	32.2	5,157	25.4	1,386	6.8
1975	Total	92,915	80.0	70,032	60.3	22,883	19.7	17,066	14.7	5,817	5.0
	White	67,815	71.0	53,207	55.7	14,608	15.3	10,365	10.9	4,243	4.4
	Nonwhite	25,100	121.3	16,825	81.3	8,275	40.0	6,701	32.4	1,574	7.6
1976	Total	97,604	82.3	69,972	59.0	27,632	23.3	21,563	18.2	6,069	5.1
	White	70,602	72.6	53,012	54.5	17,590	18.1	13,201	13.6	4,389	4.5
	Nonwhite	27,002	126.9	16,960	79.7	10,042	47.2	8,362	39.3	1,680	7.9
1977	Total	105,831	87.2	74,246	61.2	31,585	26.0	25,399	20.9	6,186	5.1
	White	76,298	76.5	55,662	55.8	20,636	20.7	16,170	16.2	4,466	4.5
	Nonwhite	29,533	136.2	18,584	85.7	10,949	50.5	9,229	42.6	1,720	7.9
1978	Total	107,972	86.4	73,349	58.7	34,623	27.7	28,492	22.8	6,131	4.9
	White	78,953	78.5	54,921	54.6	24,032	23.9	19,642	19.5	4,390	4.4
	Nonwhite	29,019	119.5	18,428	75.9	10,591	43.6	8,850	36.4	1,741	7.2
1979	Total	112,559	88.2	76,899	60.2	35,660	27.9	29,455	23.1	6,205	4.9
	White	81,609	79.6	56,736	55.2	24,873	24.3	20,453	20.0	4,420	4.3
	Nonwhite	30,950	122.9	20,163	80.1	10,787	42.8	9,002	35.8	1,785	7.1
1980	Total	114,933	88.1	78,423	60.1	36,510	28.0	30,062	23.1	6,448	4.9
	White	83,693	80.2	58,047	55.6	25,646	24.6	21,026	20.1	4,620	4.4
	Nonwhite	31,240	119.9	20,376	78.2	10,864	41.7	9,036	34.7	1,828	7.0
1981	Total	116,075	87.7	79,278	59.9	36,797	27.8	30,166	22.8	6,631	5.0
	White	84,361	79.7	58,820	55.6	25,541	24.1	20,706	19.6	4,835	4.6
	Nonwhite	31,714	119.7	20,458	77.2	11,256	42.5	9,460	35.7	1,796	6.8
1982	Total	117,565	86.9	81,098	59.9	36,467	26.9	30,012	22.2	6,455	4.8
	White	85,859	81.4	60,469	57.3	25,390	24.1	20,719	19.6	4,671	4.4
	Nonwhite	31,706	106.3	20,629	69.2	11,077	37.1	9,293	31.2	1,784	6.0
1983	Total	116,856	85.0	80,779	58.7	36,077	26.2	29,598	21.5	6,479	4.7
	White	85,001	79.5	60,086	56.2	24,915	23.3	20,177	18.9	4,738	4.4
	Nonwhite	31,855	104.1	20,693	67.6	11,162	36.5	9,421	30.8	1,741	5.7
1984	Total	120,257	86.1	82,662	59.2	37,595	26.9	30,819	22.1	6,776	4.8
	White	87,420	80.7	61,391	56.7	26,029	24.0	21,040	19.4	4,989	4.6
	Nonwhite	32,837	104.5	21,271	67.7	11,566	36.8	9,779	31.1	1,787	5.7
1985	Total	124,073	88.1	85,984	61.1	38,089	27.1	31,094	22.1	6,995	5.0
	White	90,231	82.5	63,999	58.5	26,232	24.0	21,046	19.2	5,186	4.7
	Nonwhite	33,842	107.5	21,985	69.8	11,857	37.7	10,048	31.9	1,809	5.7
1986	Total	126,499	88.6	87,125	61.0	39,374	27.6	31,977	22.4	7,397	5.2
	White	91,251	82.5	64,400	58.2	26,851	24.3	21,361	19.3	5,490	5.0
	Nonwhite	35,248	109.7	22,725	70.7	12,523	39.0	10,616	33.0	1,907	5.9

*Only total fetal deaths were reported prior to 1970 when induced abortions became legal.

TABLE 6 - LIVE BIRTHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1986

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
	Total	White	Nonwhite	Number			Rate		
				Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	84,350	62,028	22,322	87,125	64,400	22,725	15.0	14.1	18.3
District 1	1,039	1,024	15	1,232	1,219	13	11.7	11.8	7.6
Lee	18	18		303	304	1	11.0	11.0	6.1
Scott				268	268		10.4	10.3	0.0
Wise	558	550	8	607	599	8	12.9	13.0	7.9
Morton	463	456	7	52	48	4	10.6	10.4	13.2
District 2	1,003	990	13	1,497	1,471	26	10.2	10.2	11.8
Buchanan	125	125		406	402	4	10.3	10.3	22.0
Dickenson	1	1		198	197	1	9.4	9.4	7.0
Russell	183	183		331	331		9.9	10.0	0.0
Tazewell	694	681	13	562	541	21	10.6	10.5	13.7
District 3	1,626	1,593	33	1,982	1,926	56	10.6	10.6	10.7
Blind	1	1		75	74	1	11.0	11.3	4.0
Carroll				251	247	4	8.8	8.7	26.8
Grayson	2	2		172	166	6	10.1	10.1	10.1
Smyth	331	325	6	360	357	3	10.5	10.7	4.3
Washington	646	636	10	548	536	12	11.2	11.2	12.9
Wythe	187	179	8	299	285	14	11.3	11.2	13.9
Bristol				200	185	15	10.7	10.6	12.1
Galax	459	450	9	77	76	1	11.1	11.3	2.8
District 4	1,446	1,362	84	1,624	1,523	101	11.0	10.8	15.3
Floyd	8	8		131	127	4	10.7	10.7	10.9
Giles	136	132	4	183	180	3	10.1	10.1	7.2
Montgomery	552	512	40	747	692	55	11.0	10.7	20.3
Pulaski	232	215	17	423	397	26	11.7	11.6	12.6
Radford	518	495	23	140	127	13	10.0	9.8	12.3
District 5	4,181	3,612	569	3,189	2,699	490	12.3	11.8	15.6
Alleghany	340	320	20	149	146	3	10.2	10.3	7.1
Botetourt	1	1		255	248	7	10.3	10.3	8.0
Craig				45	45		10.6	10.7	0.0
Roanoke	1	1		820	786	34	10.5	10.4	16.0
Clifton Forge				51	46	5	9.9	10.7	5.8
Covington				97	82	15	11.9	11.9	12.1
Roanoke City	2,886	2,387	499	1,505	1,090	415	13.0	14.5	16.8
Salem	953	903	50	267	236	31	10.9	11.0	9.5
District 6	2,639	2,493	146	2,340	2,388	152	11.8	11.5	14.0
Augusta	12	12		580	566	14	11.2	11.4	6.8
Bath	31	30	1	62	61	1	11.0	11.9	1.9
Highland				36	36		11.6	11.7	0.0
Rockbridge	4	4		213	208	5	11.5	11.6	9.5
Rockingham	6	6		739	727	12	13.3	13.4	11.1
Buena Vista				62	61	1	8.9	9.1	3.4
Harrisonburg	1,296	1,250	46	236	231	5	9.4	8.9	21.9
Lexington	279	267	12	41	34	7	5.9	5.5	9.3
Staunton	446	409	37	269	222	47	10.8	10.1	17.0
Waynesboro	565	515	50	282	242	40	15.1	14.3	23.7
District 7	2,042	1,944	98	1,922	1,827	95	13.4	13.3	14.8
Clarke	4	4		144	131	13	13.7	13.9	11.7
Frederick	4	4		511	500	11	13.4	13.3	17.5
Page	5	5		239	228	11	11.6	11.4	18.7
Shenandoah	282	281	1	360	355	5	12.1	12.2	10.5
Warren	241	216	25	362	335	27	15.3	15.3	19.1
Winchester	1,506	1,434	72	306	278	28	14.5	14.7	12.8
District 8	18,485	15,039	3,446	20,562	16,764	3,798	16.6	16.1	19.0
Arlington	3,131	2,243	888	2,457	1,856	601	13.9	13.4	17.7
Fairfax	9,248	7,782	1,466	10,788	8,975	1,813	15.8	15.4	18.5
Loudoun	774	705	69	1,216	1,097	119	18.2	18.2	18.9
Prince William	984	876	108	3,256	2,803	453	18.8	18.3	22.4
Alexandria	3,193	2,414	779	1,721	1,051	670	16.1	14.7	18.8
Fairfax City	1	1		306	259	47	14.7	13.6	25.8
Falls Church				115	106	9	11.9	12.2	9.6
Manassas	1,150	1,014	136	562	485	77	29.4	28.6	35.9
Manassas Park	4	4		141	132	9	20.3	20.6	16.9
District 9	809	710	99	1,535	1,267	268	14.9	14.8	15.8
Culpeper	237	208	29	378	278	101	13.8	14.4	20.1
Fauquier	551	495	56	675	593	82	16.2	16.7	13.8
Madison	3	3		151	122	29	13.9	13.7	15.0
Orange	2	2		254	206	48	12.8	12.7	13.7
Rappahannock	2	2		76	68	8	12.2	12.0	13.7
District 10	3,017	2,293	724	2,203	1,735	468	14.0	13.5	16.3
Albemarle	1,748	1,104	644	869	765	104	13.6	13.6	13.7
Fluvanna	1		1	171	121	50	13.4	13.2	15.8
Greene	3	3		159	146	13	17.9	17.8	19.6
Louis	2	2		271	177	94	13.9	13.2	15.6
Melroe	3	3		180	142	38	14.5	14.3	15.2
Charlottesville	1,262	1,181	81	553	384	169	13.4	11.7	20.1
District 11	2,615	1,889	726	2,609	1,930	679	12.8	11.5	17.3
Amherst				373	271	102	12.3	11.5	16.3
Appomattox				141	102	39	11.0	10.3	13.4
Bedford	2	2		524	457	67	13.0	12.5	17.9
Campbell	3	3		622	506	116	12.8	12.2	16.5
Bedford City	334	261	73	58	35	23	9.1	6.9	17.5
Lynchburg	2,276	1,624	652	891	559	332	12.9	10.9	18.3

(continued)

TABLE 6 - LIVE BIRTHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE
PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1986 (continued)

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
	Total	White	Nonwhite	Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	84,350	62,028	22,322	87,125	64,400	22,725	15.0	14.1	18.3
District 12	2,449	1,581	868	3,017	2,029	988	12.3	11.0	16.3
Franklin	172	104	68	469	387	82	12.3	11.5	17.7
Henry				728	525	203	12.6	11.9	14.7
Patrick	125	114	11	179	166	13	9.9	10.0	9.0
Pittsylvania				831	558	273	12.3	11.5	14.2
Danville	1,216	703	513	560	262	298	12.4	8.8	19.3
Martinsville	936	660	276	250	131	119	13.2	10.4	18.9
District 13	766	419	347	943	452	491	11.2	9.4	13.7
Brunswick	2		2	190	61	129	11.8	9.0	13.9
Halifax	1		1	319	182	137	10.4	9.8	11.3
Hecklenburg	132	59	73	353	165	188	11.8	9.0	16.3
South Boston	631	360	271	81	44	37	11.0	9.8	12.9
District 14	313	147	166	1,089	596	493	12.7	11.3	14.8
Amelia	1	1		132	84	48	14.8	14.3	15.9
Buckingham	2	2		168	95	73	13.7	13.5	13.9
Charlotte	3	2	1	139	70	69	11.8	9.3	16.2
Cumberland	1	1		106	62	44	12.7	12.9	12.4
Lunenburg	2	1	1	160	89	71	13.1	11.5	15.8
Nottoway	9	1	8	183	101	82	12.2	11.3	13.6
Prince Edward	295	139	156	201	95	106	11.4	8.7	15.8
District 15	12,623	7,883	4,740	10,330	6,599	3,731	14.9	13.4	18.5
Charles City Co.				90	20	70	13.2	14.7	12.8
Chesterfield	15	13	2	2,836	2,443	393	16.0	15.3	21.9
Goochland				163	115	48	12.5	13.1	11.5
Hanover	5	5		684	586	98	12.1	11.7	14.9
Henrico	5,122	4,255	867	2,767	2,089	678	14.0	13.2	17.4
New Kent				152	113	39	14.4	13.9	16.2
Powhatan	2	2		165	146	19	11.1	12.7	5.7
Richmond City	7,479	3,608	3,871	3,473	1,087	2,386	16.1	11.6	19.5
District 16	1,478	1,265	213	2,184	1,778	406	15.3	15.1	16.6
Caroline	4	2	2	280	164	116	14.3	14.5	14.0
King George	1	1		199	148	51	16.7	16.2	18.3
Spotsylvania	2	1	1	703	615	88	17.1	17.3	15.9
Stafford				688	627	61	13.7	13.5	16.1
Fredericksburg	1,471	1,261	210	314	224	90	16.0	14.4	22.2
District 17	246	138	108	560	316	244	13.0	11.0	17.0
Lancaster	243	136	107	133	77	56	11.8	10.1	15.5
Northumberland	1	1		109	64	45	10.7	9.3	13.6
Richmond	1		1	96	55	41	13.3	10.7	19.4
Westmoreland	1	1		222	120	102	15.4	13.3	19.1
District 18	12	6	6	931	693	238	13.4	13.3	13.7
Essex	6	1	5	125	67	58	13.7	12.4	15.5
Gloucester	5	5		408	354	54	15.7	15.7	15.5
King and Queen				81	45	36	12.6	12.8	12.4
King William				145	93	52	14.0	13.7	14.6
Mathews				77	61	16	8.6	8.1	11.4
Middlesex	1		1	95	73	22	11.2	11.8	9.6
District 19	1,950	966	984	2,424	1,170	1,254	14.8	12.5	17.9
Dinwiddie	3	1	2	251	156	95	11.5	11.4	11.5
Greensville				145	50	95	13.4	10.8	15.2
Prince George				331	225	106	11.9	12.5	11.0
Surry				100	34	66	16.0	13.6	17.5
Sussex	2		2	174	57	117	16.9	13.0	19.8
Colonial Heights				196	172	24	11.4	10.2	87.3
Emporia	184	30	154	57	16	41	12.1	5.9	20.5
Hopewell	408	289	119	435	288	147	17.9	15.4	26.0
Petersburg	1,353	646	707	735	172	563	18.3	14.4	20.0
District 20	17,716	11,697	6,019	17,474	11,522	5,952	18.6	18.0	20.0
Isle of Wight	1		1	393	259	134	16.8	17.6	15.6
Southampton				176	81	95	9.6	8.3	11.1
Chesapeake	602	362	240	2,326	1,571	755	17.7	17.0	19.2
Franklin City	409	191	218	171	72	99	21.4	20.1	22.6
Norfolk	7,503	4,563	2,940	5,396	3,007	2,389	19.9	19.1	20.9
Portsmouth	5,250	3,561	1,689	1,920	932	988	17.3	16.5	18.2
Suffolk	729	291	438	784	333	451	15.0	11.8	18.6
Virginia Beach	3,222	2,729	493	6,308	5,267	1,041	19.6	18.9	23.8
District 21	7,360	4,790	2,570	6,625	4,217	2,408	17.8	16.8	19.7
James City Co.	1	1		357	271	86	13.0	13.5	11.6
York				318	245	73	7.8	7.5	9.3
Hampton	2,766	1,473	1,293	2,379	1,473	906	18.8	19.3	18.2
Newport News	3,864	2,731	1,133	3,212	1,959	1,253	20.5	19.2	22.7
Poquoson				109	108	1	10.4	10.4	7.6
Williamsburg	729	585	144	250	161	89	22.8	17.0	59.0
District 22	335	187	148	653	279	374	14.0	10.2	19.3
Accomack	3	1	2	459	212	247	14.4	10.7	20.3
Northampton	332	186	146	194	67	127	13.2	8.9	17.6

TABLE 7 - LIVE BIRTHS BY RACE AND PLACE OF DELIVERY BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986

Planning District/ City or County	ALL LIVE BIRTHS			PLACE OF DELIVERY								
				TOTAL			WHITE			NONWHITE		
	Total	White	Nonwhite	Hospit- tal Birth	Non-Hosp. Physi- cian	Midwife & Other	Hospit- tal Birth	Non-Hosp. Physi- cian	Midwife & Other	Hospit- tal Birth	Non-Hosp. Physi- cian	Midwife & Other
STATE OF VIRGINIA	87,125	64,400	22,725	86,498	260	367	63,942	111	347	22,556	149	20
District 1	1,232	1,219	13	1,232			1,219			13		
Lee	305	304	1	305			304			1		
Scott	268	268		268			268					
Wise	607	599	8	607			599			8		
Norton	52	48	4	52			48			4		
District 2	1,497	1,471	26	1,494	2	1	1,468	2	1	26		
Buchanan	406	402	4	406			402			4		
Dickenson	198	197	1	197	1		196	1		1		
Russell	331	331		329	1	1	329	1	1			
Tazewell	562	541	21	562			541			21		
District 3	1,982	1,926	56	1,976	3	3	1,920	3	3	56		
Bland	75	74	1	74	1		73	1		1		
Carroll	251	247	4	251			247			4		
Grayson	172	166	6	170			164		2	6		
Smyth	360	357	3	360		2	357			3		
Washington	548	536	12	548			536			12		
Wythe	299	285	14	297	2		283	2		14		
Bristol	200	185	15	200			185			15		
Galax	77	76	1	76		1	75		1	1		
District 4	1,624	1,523	101	1,612	2	10	1,512	2	9	100		1
Floyd	131	127	4	124	1	6	120	1	6	4		
Giles	183	180	3	183			180			3		
Montgomery	747	692	55	743		4	689		3	54		1
Pulaski	423	397	26	422	1		396	1		26		
Radford	140	127	13	140			127			13		
District 5	3,189	2,699	490	3,184	3	2	2,694	3	2	490		
Alleghany	149	146	3	145			146			3		
Botetourt	255	248	7	253	1	1	246	1	1	7		
Craig	45	45		45			45					
Roanoke	820	786	34	819	1		785	1		34		
Clifton Forge	51	46	5	51			46			5		
Covington	97	82	15	97			82			15		
Roanoke City	1,505	1,090	415	1,503	1	1	1,088	1	1	415		
Salem	267	256	11	267			256			11		
District 6	2,540	2,388	152	2,516	2	22	2,364	2	22	152		
Augusta	580	566	14	568		12	554		12	14		
Bath	62	61	1	62			61			1		
Highland	36	36		36			36					
Rockbridge	213	208	5	209		4	204		4	5		
Rockingham	739	727	12	733	1	5	721	1	5	12		
Buena Vista	62	61	1	62			61			1		
Harrisonburg	256	231	25	256			231			25		
Lexington	41	34	7	41			34			7		
Staunton	269	222	47	267	1	1	220	1	1	47		
Waynesboro	282	242	40	282			242			40		
District 7	1,922	1,827	95	1,897	5	20	1,804	4	19	93	1	1
Clarke	144	131	13	140		4	127		4	13		
Frederick	511	500	11	507	1	3	496	1	3	11		
Page	239	228	11	234	2	3	223	2	3	11		
Shenandoah	360	355	5	358		2	353		2	5		
Warren	362	335	27	357	1	4	332	1	3	28	1	1
Winchester	306	278	28	301	1	4	273	1	4	28		
District 8	20,562	16,764	3,798	20,587	59	116	16,613	39	112	3,774	20	4
Arlington	2,457	1,856	601	2,433	7	17	1,836	4	16	597	3	1
Fairfax	10,788	8,975	1,813	10,701	32	55	8,900	22	53	1,801	10	2
Loudoun	1,216	1,097	119	1,199	4	13	1,080	4	13	119		
Prince William	3,256	2,803	453	3,230	10	16	2,781	6	16	449	4	
Alexandria	1,721	1,051	670	1,711	4	6	1,044	1	6	667	3	
Fairfax City	306	259	47	304	1	1	257	1	1	47		
Falls Church	115	106	9	114	1		105			9		
Manassas	562	485	77	558		4	482	1	3	76		1
Manassas Park	141	132	9	137		4	128		4	9		
District 9	1,535	1,267	268	1,510	7	18	1,247	3	17	263	4	1
Culpeper	379	278	101	372	2	5	274		4	98	2	1
Fauquier	675	593	82	668	2	5	587	1	5	81	1	
Madison	151	122	29	148		3	119		3	29		
Orange	254	206	48	250	1	3	203		3	47	1	
Rappahannock	76	68	8	72	2	2	64	2	2	8		
District 10	2,203	1,735	468	2,174	6	23	1,709	4	22	465	2	1
Albemarle	869	765	104	855	3	11	752	3	10	103		1
Fluvanna	171	121	50	169	2		121			48	2	
Greene	159	146	13	156		3	143		3	13		
Louisa	271	177	94	269		2	175		2	94		
Nelson	180	142	38	177	1	2	139	1	2	38		
Charlottesville	553	384	169	548		5	379		5	169		
District 11	2,609	1,930	679	2,600	2	7	1,923	1	6	677	1	1
Amherst	373	271	102	372		1	271			101		1
Appomattox	141	102	39	141			102			39		
Bedford	524	457	67	522		2	455		2	67		
Campbell	622	506	116	619	1	2	504		2	115	1	
Bedford City	58	35	23	58			35			23		
Lynchburg	891	555	332	888	1	2	556	1	2	332		

(continued)

TABLE 7 - LIVE BIRTHS BY RACE AND PLACE OF DELIVERY BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986 (continued)

Planning District/ City or County	ALL LIVE BIRTHS			PLACE OF DELIVERY								
				TOTAL			WHITE			NONWHITE		
	Total	White	Nonwhite	Hospital Birth	Non-Hosp. Birth Physi- cian	Midwife & Other	Hospital Birth	Non-Hosp. Birth Physi- cian	Midwife & Other	Hospital Birth	Non-Hosp. Birth Physi- cian	Midwife & Other
STATE OF VIRGINIA	87,125	64,400	22,725	86,498	260	367	63,942	111	347	22,556	149	20
District 12	3,017	2,029	988	3,013	2	2	2,027		2	986	2	
Franklin	469	387	82	468		1	386		1	82		
Henry	728	525	203	728			525			203		
Patrick	179	166	13	178		1	165		1	13		
Pittsylvania	831	558	273	831			558			273		
Danville	560	262	298	558	2		262			296	2	
Martinsville	250	131	119	250			131			119		
District 13	943	452	491	936	7		451	1		485	6	
Brunswick	190	61	129	188	2		61			127	2	
Halifax	319	182	137	318	1		182			136	1	
Mecklenburg	353	165	188	349	4		164	1		185	3	
South Boston	81	44	37	81			44			37		
District 14	1,089	596	493	1,066	16	7	587	2	7	479	14	
Amelia	132	84	48	131	1		83	1		48		
Buckingham	168	95	73	165	1	2	93		2	72	1	
Charlotte	139	70	69	136	1	2	68		2	68	1	
Cumberland	106	62	44	105		1	61		1	44		
Lunenburg	160	89	71	155	4	1	88		1	67	4	
Mottoway	183	101	82	175	8		100	1		75	7	
Prince Edward	201	95	106	199	1	1	94		1	105	1	
District 15	10,330	6,599	3,731	10,255	35	40	6,551	11	37	3,704	24	3
Charles City Co.	90	20	70	90			20			70		
Chesterfield	2,836	2,443	393	2,822	4	10	2,431	2	10	391	2	
Goochland	163	115	48	163			115			48		
Hanover	684	586	98	679	2	3	582	1	3	97	1	
Henrico	2,767	2,089	678	2,747	6	14	2,074	3	12	673	3	2
New Kent	152	113	39	152			113			39		
Powhatan	165	146	19	163		2	144		2	19		
Richmond City	3,473	1,087	2,386	3,439	23	11	1,072	5	10	2,367	18	1
District 16	2,184	1,778	406	2,169	11	4	1,768	6	4	401	5	
Caroline	280	164	116	273	6	1	160	3	1	113	3	
King George	199	148	51	199			148			51		
Spotsylvania	703	615	88	698	4	1	612	2	1	86	2	
Stafford	688	627	61	688			627			61		
Fredericksburg	314	224	90	311	1	2	221	1	2	90		
District 17	560	316	244	552	6	2	313	2	1	239	4	1
Lancaster	133	77	56	133			77			56		
Northumberland	109	64	45	108	1		63	1		45		
Richmond	96	55	41	95		1	55			40		1
Westmoreland	222	170	102	216	5	1	118	1	1	98	4	
District 18	931	693	238	924	6	1	691	1	1	233	3	
Essex	125	67	58	125			67			58		
Gloucester	408	354	54	406	1	1	353		1	53	1	
King and Queen	81	45	36	81			45			36		
King William	145	93	52	144	1		92	1		52		
Mathews	77	61	16	76	1		61			15	1	
Middlesex	95	73	22	92	3		73			19	3	
District 19	2,424	1,170	1,254	2,416	4	4	1,168	1	1	1,248	3	3
Dinwiddie	251	156	95	248	1	2	155		1	93	1	1
Greensville	145	50	95	145			50			95		
Prince George	331	225	106	331			225			106		
Surry	100	34	66	100			34			66		
Sussex	174	57	117	172	1	1	57			115	1	1
Colonial Heights	196	172	24	196			172			24		
Emporia	57	16	41	57			16			41		
Hopewell	435	288	147	434	1		287	1		147		
Petersburg	735	172	563	733	1	1	172			561	1	1
District 20	17,474	11,522	5,952	17,336	62	76	11,428	20	74	5,908	42	2
Isle of Wight	393	259	134	392	1		259			133	1	
Southampton	176	81	95	176			81			95		
Chesapeake	2,326	1,571	755	2,305	8	13	1,558		13	747	8	
Franklin City	171	72	99	171			72			99		
Norfolk	5,396	3,007	2,389	5,357	28	11	2,988	8	11	2,369	20	
Portsmouth	1,920	932	988	1,906	7	7	924	2	6	982	5	1
Suffolk	784	333	451	777	5	2	331		2	446	5	
Virginia Beach	6,308	5,267	1,041	6,252	13	43	5,215	10	42	1,037	3	1
District 21	6,625	4,217	2,408	6,603	16	6	4,208	4	5	2,395	12	1
James City Co.	357	271	86	356	1		270	1		86		
York	318	245	73	318			245			73		
Rampton	2,379	1,473	906	2,369	4	6	1,468		5	901	4	1
Newport News	3,212	1,959	1,253	3,203	9		1,956	3		1,247	6	
Poquoson	109	108	1	109			108			1		
Williamsburg	250	161	89	248	2		161			87	2	
District 22	653	279	374	646	4	3	277		2	369	4	1
Accomack	459	272	247	455	2	2	271		1	244	3	1
Northampton	194	67	127	191	2	1	66		1	125	2	

TABLE 8 - ILLEGITIMATE LIVE BIRTHS, LOW WEIGHT BIRTHS, AND CONGENITAL ANOMALIES WITH PERCENT OF TOTAL BIRTHS
BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986

Planning District/ City or County	Illegitimate Live Births						Low Weight Births						Congenital Anomalies	
	Number			Percent			Number			Percent			Total	Percent
	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh		
STATE OF VIRGINIA	19,493	7,516	11,977	22.4	11.7	52.7	6,207	3,659	2,548	7.1	5.7	11.2	716	0.8
District 1	200	192	8	16.2	15.8	61.5	102	102		8.3	8.4	0.0	17	1.4
Lee	48	48		15.7	15.8	0.0	21	21		6.9	6.9	0.0	5	1.6
Scott	28	28		10.4	10.4		31	31		11.6	11.6		4	1.5
Wise	102	97	5	16.8	16.2	62.5	45	45		7.4	7.5	0.0	8	1.3
Norton	22	19	3	42.3	39.6	75.0	5	5		9.6	10.4	0.0		0.0
District 2	206	197	9	13.8	13.4	34.6	108	104	4	7.2	7.1	15.4	21	1.4
Buchanan	61	61		15.0	15.2	0.0	39	37	2	9.6	9.2	50.0	4	1.0
Dickenson	27	27		13.6	13.7	0.0	12	12		6.1	6.1	0.0	6	3.0
Russell	36	36		10.9	10.9		20	20		6.0	6.0		8	2.4
Tazewell	82	73	9	14.6	13.5	42.9	37	35	2	6.6	6.5	9.5	3	0.5
District 3	276	247	29	13.9	12.8	51.8	126	120	6	6.4	6.2	10.7	30	1.5
Bland	9	9		12.0	12.2	0.0	1	1		1.3	1.4	0.0		0.0
Carroll	20	19	1	8.0	7.7	25.0	14	13	1	5.6	5.3	25.0	1	0.4
Grayson	20	15	5	11.6	9.0	83.3	13	12	1	7.6	7.2	16.7		0.0
Smyth	50	49	1	13.9	13.7	33.3	24	24		6.7	6.7	0.0	10	2.8
Washington	70	63	7	12.8	11.8	58.3	44	42	2	8.0	7.8	16.7	11	2.0
Wythe	47	41	6	15.7	14.4	42.9	14	12	2	4.7	4.2	14.3	3	1.0
Bristol	38	29	9	19.0	15.7	60.0	11	11		5.5	5.9	0.0	5	2.5
Galax	22	22		28.6	28.9	0.0	5	5		6.5	6.6	0.0		0.0
District 4	228	192	36	14.0	12.6	35.6	100	91	9	6.2	6.0	8.9	15	0.9
Floyd	14	11	3	10.7	8.7	75.0	8	8		6.1	6.3	0.0		0.0
Giles	31	30	1	16.9	16.7	33.3	16	13	3	8.7	7.2	100.0	4	2.2
Montgomery	84	71	13	11.2	10.3	23.6	46	40	6	6.2	5.8	10.9	5	0.7
Pulaski	83	68	15	19.6	17.1	57.7	23	23		5.4	5.8	0.0	5	1.2
Radford	16	12	4	11.4	9.4	30.8	7	7		5.0	5.5	0.0	1	0.7
District 5	698	378	320	21.9	14.0	65.3	197	155	42	6.2	5.7	8.6	31	1.0
Alleghany	18	16	2	12.1	11.0	66.7	7	7		4.7	4.8	0.0	1	0.7
Botetourt	27	22	5	10.6	8.9	71.4	16	15	1	6.3	6.0	14.3	2	0.8
Craig	3	3		6.7	6.7					0.0	0.0			0.0
Roanoke	71	66	5	8.7	8.4	14.7	46	46		5.6	5.9	0.0	10	1.2
Clifton Forge	16	13	3	31.4	28.3	60.0	3	3		5.9	6.5	0.0	1	2.0
Covington	27	18	9	27.8	22.0	60.0	6	3	3	6.2	3.7	20.0	2	2.1
Roanoke City	495	204	291	32.9	18.7	70.1	104	66	38	6.9	6.1	9.2	15	1.0
Salem	41	36	5	15.4	14.1	45.5	15	15		5.6	5.9	0.0		0.0
District 6	486	405	81	19.1	17.0	53.3	169	157	12	6.7	6.6	7.9	25	1.0
Augusta	83	78	5	14.3	13.8	35.7	41	40	1	7.1	7.1	7.1	3	0.5
Bath	8	8		12.9	13.1	0.0	4	4		6.5	6.6	0.0	2	3.2
Highland	3	3		8.3	8.3		1	1		2.8	2.8		1	2.8
Rockbridge	45	43	2	21.1	20.7	40.0	11	11		5.2	5.3	0.0		0.0
Rockingham	99	94	5	13.4	12.9	41.7	48	48		6.5	6.6	0.0	7	0.9
Buena Vista	18	18		29.0	29.5	0.0	3	3		4.8	4.9	0.0	1	1.6
Harrisonburg	54	43	11	21.1	18.6	44.0	19	17	2	7.4	7.4	8.0	2	0.8
Lexington	6	2	4	14.6	5.9	57.1	3	3		7.3	8.8	0.0	1	2.4
Staunton	84	54	30	31.2	24.3	63.8	27	20	7	10.0	9.0	14.9	2	0.7
Waynesboro	86	62	24	30.5	25.6	60.0	12	10	2	4.3	4.1	5.0	6	2.1
District 7	391	336	55	20.3	18.4	57.9	104	94	10	5.4	5.1	10.5	20	1.0
Clarke	28	17	11	19.4	13.0	84.6	6	4	2	4.2	3.1	15.4		0.0
Frederick	76	75	1	14.9	15.0	9.1	24	23	1	4.7	4.6	9.1	7	1.4
Page	46	37	9	19.2	16.2	81.8	11	10	1	4.6	4.4	9.1	2	0.8
Shenandoah	63	59	4	17.5	16.6	80.0	24	24		6.7	6.8	0.0	6	1.7
Warren	94	79	15	26.0	23.6	55.6	26	23	3	7.2	6.9	11.1	2	0.6
Winchester	84	69	15	27.5	24.8	53.6	13	10	3	4.2	3.6	10.7	3	1.0
District 8	2,951	1,730	1,221	14.4	10.3	32.1	1,295	924	371	6.3	5.5	9.8	153	0.7
Arlington	511	295	216	20.8	15.9	35.9	170	111	59	6.9	6.0	9.8	22	0.9
Fairfax	1,165	722	443	10.8	8.0	24.4	627	460	167	5.8	5.1	9.2	68	0.6
Loudoun	141	96	45	11.6	8.8	37.8	84	72	12	6.9	6.6	10.1	13	1.1
Prince William	464	334	130	14.3	11.9	28.7	196	167	29	6.0	6.0	6.4	21	0.6
Alexandria	495	152	343	28.8	14.5	51.2	147	61	86	8.5	5.8	12.8	22	1.3
Fairfax City	35	27	8	11.4	10.4	17.0	22	15	7	7.2	5.8	14.9		0.0
Falls Church	14	12	2	12.2	11.3	22.2	4	3	1	3.5	2.8	11.1	1	0.9
Manassas	103	73	30	18.3	15.1	39.0	35	27	8	6.2	5.6	10.4	5	0.9
Manassas Park	23	19	4	16.3	14.4	44.4	10	8	2	7.1	6.1	22.2	1	0.7
District 9	317	156	161	20.7	12.3	60.1	84	60	24	5.5	4.7	9.0	12	0.8
Culpeper	108	49	59	28.5	17.6	58.4	29	21	8	7.7	7.6	7.9	4	1.1
Fauquier	107	66	41	15.9	11.1	50.0	33	24	9	4.9	4.0	11.0	2	0.3
Madison	32	9	23	21.2	7.4	79.3	9	3	6	6.0	2.5	20.7	2	1.3
Orange	59	26	33	23.2	12.6	68.8	10	9	1	3.9	4.4	2.1	4	1.6
Rappahannock	11	6	5	14.5	8.8	62.5	3	3		3.9	4.4	0.0		0.0
District 10	496	215	281	22.5	12.4	60.0	147	90	57	6.7	5.2	12.2	20	0.9
Albemarle	123	72	51	14.2	9.4	49.0	44	39	5	5.1	5.1	4.8	8	0.9
Fluvanna	46	15	31	26.9	12.4	62.0	6	1	5	3.5	0.8	10.0	1	0.6
Greene	27	23	4	17.0	15.8	30.8	10	8	2	6.3	5.5	15.4	3	1.9
Louisa	73	23	50	26.9	13.0	53.2	27	12	15	10.0	6.8	16.0	1	0.4
Nelson	43	17	26	23.9	12.0	68.4	8	4	4	4.4	2.8	10.5	5	2.8
Charlottesville	184	65	119	33.3	16.9	70.4	52	26	26	9.4	6.8	15.4	2	0.4
District 11	651	221	430	25.0	11.5	63.3	171	103	68	6.6	5.3	10.0	27	1.0
Amherst	97	36	61	28.0	13.3	59.8	22	10	12	5.9	3.7	11.8	1	0.3
Appomattox	35	11	24	24.8	10.8	61.5	11	8	3	7.8	7.8	7.7	1	0.7
Bedford	81	48	33	15.3	10.5	49.3	31	26	5	5.9	5.7	7.5	6	1.1
Campbell	102	45	57	16.4	8.9	49.1	32	23	9	5.1	4.5	7.8	6	1.0
Bedford City	29	9	20	50.0	25.7	87.0	4	4		6.9	0.0	17.4	1	1.7
Lynchburg	307	72	235	34.5	12.9	70.8	71	36	35	8.0	6.4	10.5	12	1.3

(continued)

TABLE 8 - ILLEGITIMATE LIVE BIRTHS, LOW WEIGHT BIRTHS, AND CONGENITAL ANOMALIES WITH PERCENT OF TOTAL BIRTHS
BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986 (continued)

Planning District/ City or County	Illegitimate Live Births						Low Weight Births						Congenital Anomalies	
	Number			Percent			Number			Percent			Total	Percent
	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh		
STATE OF VIRGINIA	19,493	7,516	11,977	22.4	11.7	52.7	6,207	3,659	2,548	7.1	5.7	11.2	716	0.8
District 12	794	244	550	26.3	12.0	55.7	230	124	106	7.6	6.1	10.7	21	0.7
Franklin	72	29	43	15.4	7.5	52.4	33	26	7	7.0	6.7	8.5	5	1.1
Henry	165	81	84	22.7	15.4	41.4	47	30	17	6.5	5.7	8.4	4	0.5
Patrick	23	21	2	12.8	12.7	15.4	6	6		3.4	3.6	0.0	2	1.1
Pittsylvania	208	55	153	25.0	9.9	56.0	66	39	27	7.9	7.0	9.9	5	0.6
Danville	222	36	186	39.6	13.7	62.4	51	11	40	9.1	4.2	13.4	3	0.5
Martinsville	104	22	82	41.6	16.8	68.9	27	12	15	10.8	9.2	12.6	2	0.8
District 13	290	38	252	30.8	8.4	51.3	85	29	56	9.0	6.4	11.4	11	1.2
Brunswick	73	8	65	38.4	13.1	50.4	17	4	13	8.9	6.6	10.1	1	0.5
Halifax	83	17	66	26.0	9.3	48.2	28	14	14	8.8	7.7	10.2	5	1.6
Mecklenburg	106	10	96	30.0	6.1	51.1	32	10	22	9.1	6.1	11.7	5	1.4
South Boston	28	3	25	34.6	6.8	67.6	8	1	7	9.9	2.3	18.9		0.0
District 14	377	69	308	34.6	11.6	62.5	121	48	73	11.1	8.1	14.8	22	2.0
Amelia	40	9	31	30.3	10.7	64.6	11	7	4	8.3	8.3	8.3	7	5.3
Buckingham	59	6	53	35.1	6.3	72.6	14	2	12	8.3	2.1	16.4	1	0.6
Charlotte	54	7	47	38.8	10.0	68.1	13	4	9	9.4	5.7	13.0	4	2.9
Cumberland	33	5	28	31.1	8.1	63.6	14	4	10	13.2	6.5	22.7	4	3.8
Lunenburg	46	7	39	28.8	7.9	54.9	18	9	9	11.3	10.1	12.7	1	0.6
Nottoway	67	19	48	36.6	18.8	58.5	25	10	15	13.7	9.9	18.3	2	1.1
Prince Edward	78	16	62	38.8	16.8	58.5	26	12	14	12.9	12.6	13.2	3	1.5
District 15	2,791	592	2,199	27.0	9.0	58.9	831	347	484	8.0	5.3	13.0	79	0.8
Charles City Co.	42	1	41	46.7	5.0	58.6	11	2	9	12.2	10.0	12.9	1	1.1
Chesterfield	276	181	95	9.7	7.4	24.2	159	121	38	5.6	5.0	9.7	22	0.8
Goochland	33	5	28	20.2	4.3	58.3	14	5	9	8.6	4.3	18.8	2	1.2
Hanover	99	46	53	14.5	7.8	54.1	39	25	14	5.7	4.3	14.3	3	0.4
Henrico	466	184	282	16.8	8.8	41.6	185	125	60	6.7	6.0	8.8	20	0.7
New Kent	23	7	16	15.1	6.2	41.0	10	5	5	6.6	4.4	12.8		0.0
Powhatan	20	11	9	12.1	7.5	47.4	9	6	3	5.5	4.1	15.8	3	1.8
Richmond City	1,832	157	1,675	52.7	14.4	70.2	404	58	346	11.6	5.3	14.5	28	0.8
District 16	448	233	215	20.5	13.1	53.0	131	91	40	6.0	5.1	9.9	11	0.5
Caroline	85	17	68	30.4	10.4	58.6	18	7	11	6.4	4.3	9.5	1	0.4
King George	38	13	25	19.1	8.8	49.0	12	6	6	6.0	4.1	11.8	1	0.5
Spotsylvania	98	65	33	13.9	10.6	37.5	42	35	7	6.0	5.7	8.0	4	0.6
Stafford	123	91	32	17.9	14.5	52.5	39	30	9	5.7	4.8	14.8	5	0.7
Fredericksburg	104	47	57	33.1	21.0	63.3	20	13	7	6.4	5.8	7.8		0.0
District 17	217	36	181	38.8	11.4	74.2	44	19	25	7.9	6.0	10.2	7	1.3
Lancaster	52	9	43	39.1	11.7	76.8	9	3	6	6.8	3.9	10.7	2	1.5
Northumberland	40	7	33	36.7	10.9	73.3	10	7	3	9.2	10.9	6.7		0.0
Richmond	34	7	27	35.4	12.7	65.9	7	2	5	7.3	3.6	12.2	1	1.0
Westmoreland	91	13	78	41.0	10.8	76.5	18	7	11	8.1	5.8	10.8	4	1.8
District 18	192	63	129	20.6	9.1	54.2	53	27	26	5.7	3.9	10.9	5	0.5
Essex	53	15	38	42.4	22.4	65.5	7	3	4	5.6	4.5	6.9	1	0.8
Gloucester	52	29	23	12.7	8.2	42.6	23	18	5	5.6	5.1	9.3	2	0.5
King and Queen	23	5	18	28.4	11.1	50.0	7	1	6	8.6	2.2	16.7		0.0
King William	34	6	28	23.4	6.5	53.8	13	3	10	9.0	3.2	19.2		0.0
Mathews	15	4	11	19.5	6.6	68.8	2	2		2.6	3.3	0.0		0.0
Middlesex	15	4	11	15.8	5.5	50.0	1	1	1	1.1	0.0	4.5	2	2.1
District 19	980	174	806	40.4	14.9	64.3	211	78	133	8.7	6.7	10.6	28	1.2
Dinwiddie	85	19	66	33.9	12.2	69.5	19	8	11	7.6	5.1	11.6	4	1.6
Greensville	74	4	70	51.0	8.0	73.7	17	4	13	11.7	8.0	13.7	3	2.1
Prince George	72	36	36	21.8	16.0	34.0	15	8	7	4.5	3.6	6.6	3	0.9
Surry	40	4	36	40.0	11.8	54.5	9	4	5	9.0	11.8	7.6	1	1.0
Sussex	91	5	86	52.3	8.8	73.5	17	4	13	9.8	7.0	11.1	1	0.6
Colonial Heights	34	22	12	17.3	12.8	50.0	14	12	2	7.1	7.0	8.3	3	1.5
Emporia	32		32	56.1	0.0	78.0	5		5	8.8	0.0	12.2	1	1.8
Hopewell	154	54	100	35.4	18.8	68.0	39	22	17	9.0	7.6	11.6	6	1.4
Petersburg	398	30	368	54.1	17.4	65.4	76	16	60	10.3	9.3	10.7	6	0.8
District 20	4,510	1,334	3,176	25.8	11.6	53.4	1,361	666	695	7.8	5.8	11.7	83	0.5
Isle of Wight	104	20	84	26.5	7.7	62.7	24	12	12	6.1	4.6	9.0	3	0.8
Southampton	58	4	54	33.0	4.9	56.8	17	3	14	9.7	3.7	14.7	4	2.3
Chesapeake	576	180	396	24.8	11.5	52.5	166	91	75	7.1	5.8	9.9	8	0.3
Franklin City	61	11	50	35.7	15.3	50.5	17	3	14	9.9	4.2	14.1	2	1.2
Norfolk	1,782	424	1,358	33.0	14.1	56.8	508	188	320	9.4	6.3	13.4	20	0.4
Portsmouth	726	124	602	37.8	13.3	60.9	153	54	99	8.0	5.8	10.0	9	0.5
Suffolk	332	35	297	42.3	10.5	65.9	67	10	57	8.5	3.0	12.6	7	0.9
Virginia Beach	871	536	335	13.8	10.2	32.2	409	305	104	6.5	5.8	10.0	30	0.5
District 21	1,666	416	1,250	25.1	9.9	51.9	466	209	257	7.0	5.0	10.7	64	1.0
James City Co.	64	20	44	17.9	7.4	51.2	22	14	8	6.2	5.2	9.3	1	0.3
York	69	25	44	21.7	10.2	60.3	12	7	5	3.8	2.9	6.8	3	0.9
Hampton	533	140	393	22.4	9.5	43.4	155	69	86	6.5	4.7	9.5	32	1.3
Newport News	903	201	702	28.1	10.3	56.0	246	104	142	7.7	5.3	11.3	25	0.8
Poquoson	8	8		7.3	7.4	0.0	4	4		3.7	3.7	0.0	2	1.8
Williamsburg	89	22	67	35.6	13.7	75.3	27	11	16	10.8	6.8	18.0	1	0.4
District 22	328	48	280	50.2	17.2	74.9	71	21	50	10.9	7.5	13.4	14	2.1
Accomack	222	37	185	48.4	17.3	74.9	49	17	32	10.7	8.0	13.0	8	1.7
Northampton	106	11	95	54.6	16.4	74.8	22	4	18	11.3	6.0	14.2	6	3.1

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1966

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	87,125	286	10,189	25,727	27,014	17,329	5,817	736	18	9
	White	64,400	71	5,897	18,094	20,938	14,033	4,759	588	13	7
	Nonwhite	22,725	215	4,292	7,633	6,076	3,296	1,058	148	5	2
District 1	Total	1,232	3	260	451	308	136	60	14		
	White	1,219	3	253	448	305	136	60	14		
	Nonwhite	13		7	3	3					
Lee	Total	305		83	115	65	29	12	1		
	White	304		83	114	65	29	12	1		
	Nonwhite	1			1						
Scott	Total	268	2	50	100	69	30	15	2		
	White	268	2	50	100	69	30	15	2		
	Nonwhite										
Wise	Total	607	1	115	209	167	75	33	7		
	White	599	1	112	207	164	75	33	7		
	Nonwhite	8		3	2	3					
Norton	Total	52		12	27	7	2		4		
	White	48		8	27	7	2		4		
	Nonwhite	4		4							
District 2	Total	1,497	2	265	552	401	193	68	15	1	
	White	1,471	2	264	541	395	188	66	14	1	
	Nonwhite	26		1	11	6	5	2	1		
Buchanan	Total	406	1	91	158	97	39	17	3		
	White	402	1	91	157	97	37	17	2		
	Nonwhite	4			1		2		1		
Dickenson	Total	198		36	78	50	19	14	1		
	White	197		36	78	50	19	13	1		
	Nonwhite	1									
Russell	Total	331		46	114	112	45	9	5		
	White	331		46	114	112	45	9	5		
	Nonwhite										
Tazewell	Total	562	1	92	202	142	90	28	6	1	
	White	541	1	91	192	138	87	27	6	1	
	Nonwhite	21		1	10	6	3	1			
District 3	Total	1,982	6	317	719	560	284	82	14		
	White	1,926	6	304	697	544	279	82	14		
	Nonwhite	56		13	22	16	5				
Bland	Total	75		9	27	22	11	6			
	White	74		9	26	22	11	6			
	Nonwhite	1			1						
Carroll	Total	251		48	85	76	32	10			
	White	247		47	85	75	30	10			
	Nonwhite	4		1		1	2				
Grayson	Total	172	1	25	57	57	19	12	1		
	White	166	1	24	56	55	19	12	1		
	Nonwhite	6		1	1	2					
Smyth	Total	360	1	68	134	97	49	10	1		
	White	357	1	67	132	97	49	10	1		
	Nonwhite	3		1	2						
Washington	Total	548	2	79	216	136	87	22	6		
	White	536	2	76	209	134	87	22	6		
	Nonwhite	12		3	7	2					
Wythe	Total	299	1	47	108	83	47	11	2		
	White	285	1	44	103	80	44	11	2		
	Nonwhite	14		3	5	3					
Bristol	Total	200	1	24	71	63	31	7	3		
	White	185	1	20	66	57	31	7	3		
	Nonwhite	15		4	5	6					
Galax	Total	77		17	21	26	8	4	1		
	White	76		17	20	26	8	4	1		
	Nonwhite	1			1						
District 4	Total	1,624	5	246	509	487	297	72	8		
	White	1,523	3	228	483	459	275	68	7		
	Nonwhite	101	2	18	26	28	22	4	1		
Floyd	Total	131		20	36	47	18	9	1		
	White	127		18	35	47	18	8	1		
	Nonwhite	4		2	1			1			
Giles	Total	183		41	57	51	28	6			
	White	180		41	56	50	27	6			
	Nonwhite	3			1	1					
Montgomery	Total	747	2	74	225	237	162	41	6		
	White	692	1	69	213	216	147	39	5		
	Nonwhite	55	1	5	10	21	15	2	1		
Pulaski	Total	423	3	92	144	109	63	12			
	White	397	2	84	133	106	60	12			
	Nonwhite	26	1	8	11	3					
Radford	Total	140		19	47	43	26	4	1		
	White	127		16	44	40	23	3	1		
	Nonwhite	13		3	3	3					

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	87,125	286	10,189	25,727	27,014	17,329	5,817	736	18	9
	White	64,400	71	5,897	18,094	20,938	14,033	4,759	582	13	7
	Nonwhite	22,725	215	4,292	7,633	6,076	3,296	1,058	154	5	2
District 5	Total	3,189	14	393	931	1,049	627	163	10	2	
	White	2,699	6	278	766	929	571	143	6		
	Nonwhite	490	8	115	165	120	56	20	4	2	
Alleghany	Total	149	1	16	41	54	31	6			
	White	146	1	15	41	52	31	6			
	Nonwhite	3		1		2					
Botetourt	Total	255		18	74	88	62	12		1	
	White	248		17	72	87	61	11			
	Nonwhite	7		1	2	1	1	1		1	
Craig	Total	45		5	11	19	8	2			
	White	45		5	11	19	8	2			
	Nonwhite										
Roanoke	Total	820		62	184	304	204	64	2		
	White	786		60	179	290	197	58	2		
	Nonwhite	34		2	5	14	7	6			
Clifton Forge	Total	51	1	11	16	17	4	2			
	White	46	1	10	15	14	4	2			
	Nonwhite	5		1	1	3					
Covington	Total	97		22	36	26	11	2			
	White	82		18	32	21	9	2			
	Nonwhite	15		4	4	5	2				
Roanoke City	Total	1,505	10	229	490	464	245	59	7	1	
	White	1,090	2	127	339	370	203	46	3		
	Nonwhite	415	8	102	151	94	42	13	4	1	
Salem	Total	267	2	30	79	77	62	16	1		
	White	256	2	26	77	76	58	16	1		
	Nonwhite	11		4	2	1	4				
District 6	Total	2,540	6	291	824	770	490	142	17		
	White	2,388	3	265	764	732	468	137	17		
	Nonwhite	152	1	26	60	38	22	5			
Augusta	Total	580	1	60	198	184	103	31	3		
	White	566	1	58	194	179	100	31	3		
	Nonwhite	14		2	4	5	3				
Bath	Total	62		10	19	18	10	3	2		
	White	61		10	18	18	10	3	2		
	Nonwhite	1			1						
Highland	Total	36		5	9	15	4	2	1		
	White	36		5	9	15	4	2	1		
	Nonwhite										
Rockbridge	Total	213		26	69	62	46	9	1		
	White	208		26	68	60	44	9	1		
	Nonwhite	5			1	2	2				
Rockingham	Total	739	1	85	216	227	155	49	6		
	White	727	1	82	213	226	152	47	6		
	Nonwhite	12		3	3	1	3	2			
Buena Vista	Total	62	1	8	29	15	6	2	1		
	White	61	1	8	28	15	6	2	1		
	Nonwhite	1			1						
Harrisonburg	Total	256	1	26	75	89	51	13	1		
	White	231	1	24	67	79	47	12	1		
	Nonwhite	25		2	8	10	4	1			
Lexington	Total	41		3	10	13	12	3			
	White	34		1	9	11	10	3			
	Nonwhite	7		2	1	2	2				
Staunton	Total	269		38	93	68	56	13	1		
	White	222		28	69	61	51	12	1		
	Nonwhite	47		10	24	7	5	1			
Waynesboro	Total	282	2	30	106	79	47	17	1		
	White	242	1	23	89	68	44	16	1		
	Nonwhite	40	1	7	17	11	3	1			
District 7	Total	1,922	3	286	607	595	318	96	16		1
	White	1,827	2	267	571	575	304	91	16		1
	Nonwhite	95	1	19	36	20	14	5			
Clarke	Total	144		19	45	38	28	10	4		
	White	131		13	40	36	28	10	4		
	Nonwhite	13		6	5	2					
Frederick	Total	511	1	60	155	170	97	22	6		
	White	500	1	60	153	165	93	22	6		
	Nonwhite	11		2	2	5	4				
Page	Total	239		50	79	68	32	8	2		
	White	228		48	74	65	31	8	2		
	Nonwhite	11		2	5	3	1				
Shenandoah	Total	360		54	104	128	57	15	2		
	White	353		54	102	126	56	15	2		
	Nonwhite	5			2	2	1				

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	87,125	286	10,189	25,727	27,014	17,329	5,817	736	18	9
	White	64,400	71	5,897	18,094	20,938	14,033	4,759	588	13	7
	Nonwhite	22,725	215	4,292	7,633	6,076	3,296	1,058	148	5	2
District 7 (continued)											
Warren	Total	362	2	48	130	105	56	20			1
	White	335	1	43	119	101	52	18			1
	Nonwhite	27	1	5	11	4	4	2			
Winchester	Total	306		55	94	86	48	21	2		
	White	278		49	83	82	44	18	2		
	Nonwhite	28		6	11	4	4	3			
District 8											
	Total	20,562	22	1,252	4,296	6,763	5,610	2,284	322	7	6
	White	16,764	7	859	3,326	5,532	4,780	1,967	280	7	6
	Nonwhite	3,798	15	393	970	1,231	830	317	42		
Arlington	Total	2,457	1	154	485	751	695	325	46		
	White	1,856	1	100	347	537	562	271	38		
	Nonwhite	601		54	138	214	133	54	8		
Fairfax	Total	10,788	6	444	1,911	3,482	5,358	1,387	189	7	4
	White	8,975	1	308	1,505	2,894	2,905	1,186	165	7	4
	Nonwhite	1,813	5	136	406	588	453	201	24		
Loudoun	Total	1,216	1	81	255	471	288	102	17		1
	White	1,097		72	214	435	269	91	15		1
	Nonwhite	119	1	9	41	36	19	11	2		
Prince William	Total	3,256	4	286	968	1,105	638	230	24		1
	White	2,803	2	232	815	966	557	207	23		1
	Nonwhite	453	2	54	153	139	81	23	1		
Alexandria	Total	1,721	8	181	383	562	393	157	37		
	White	1,051	2	57	188	356	280	137	31		
	Nonwhite	670	6	124	195	206	113	20	6		
Fairfax City	Total	306		19	58	110	89	28	2		
	White	259		16	49	92	76	25	1		
	Nonwhite	47		3	9	18	13	3	1		
Falls Church	Total	115		7	15	34	33	22	4		
	White	106		6	13	31	31	21	4		
	Nonwhite	9		1	2	3	2	1			
Manassas	Total	562	2	63	168	196	102	28	3		
	White	485	1	53	147	170	87	24	3		
	Nonwhite	77	1	10	21	26	15	4			
Manassas Park	Total	141		17	53	52	14	5			
	White	132		15	48	51	13	5			
	Nonwhite	9		2	5	1	1				
District 9											
	Total	1,535	3	179	477	476	273	113	14		
	White	1,267	1	131	371	402	245	103	14		
	Nonwhite	268	2	48	106	74	28	10			
Culpeper	Total	379		64	121	101	59	30	4		
	White	278		44	82	77	46	25	4		
	Nonwhite	101		20	39	24	13	5			
Fauquier	Total	675	3	58	202	222	133	51	6		
	White	593	1	46	171	198	121	50	6		
	Nonwhite	82	2	12	31	24	12	1			
Madison	Total	151		18	56	46	18	11	2		
	White	122		13	42	38	18	9	2		
	Nonwhite	29		5	14	8		2			
Orange	Total	254		31	77	87	44	14	1		
	White	206		21	59	71	41	13	1		
	Nonwhite	48		10	18	16	3	1			
Rappahannock	Total	76		8	21	20	19	7	1		
	White	68		7	17	18	19	6	1		
	Nonwhite	8		1	4	2		1			
District 10											
	Total	2,203	4	235	553	676	541	176	18		
	White	1,735	2	139	399	540	476	162	17		
	Nonwhite	468	2	96	154	136	65	14	1		
Albemarle	Total	869		58	176	270	269	88	8		
	White	765		43	142	242	246	84	8		
	Nonwhite	104		15	34	28	23	4			
Fluvanna	Total	171	1	18	53	49	33	15	2		
	White	171	1	7	42	36	23	11	1		
	Nonwhite	50		11	11	13	10	4	1		
Greene	Total	159		17	41	53	36	11	1		
	White	146		16	36	49	33	11	1		
	Nonwhite	13		1	5	4	3				
Louisa	Total	271		43	82	93	42	11			
	White	177		26	48	59	33	11			
	Nonwhite	94		17	34	34	9				
Nelson	Total	180	1	23	52	54	35	14	1		
	White	142	1	13	39	43	32	13	1		
	Nonwhite	38		10	13	11	3	1			
Charlottesville	Total	553	2	76	149	157	126	37	6		
	White	384		34	92	111	109	32	6		
	Nonwhite	169	2	42	57	46	17	5			

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986 (continued)

Planning District/ City or County	Race	Total	Age of Mother								Unk.
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	
STATE OF VIRGINIA	Total	87,125	286	10,189	25,727	27,014	17,329	5,817	736	18	9
	White	64,400	71	5,897	18,094	20,938	14,033	4,759	588	13	7
	Nonwhite	22,725	215	4,292	7,633	6,076	3,296	1,058	148	5	2
District 11	Total	2,609	6	356	835	812	463	118	18	1	
	White	1,930	1	195	570	654	393	102	14	1	
	Nonwhite	679	5	161	265	158	70	16	4		
Amherst	Total	373	1	58	110	124	54	22	4		
	White	271		35	74	101	40	18	3		
	Nonwhite	102	1	23	36	23	14	4	1		
Appomattox	Total	141	1	26	53	43	12	4			
	White	102	1	12	42	33	10	4			
	Nonwhite	39		14	13	10	2				
Bedford	Total	524		68	150	166	110	26	4		
	White	457		52	127	154	97	23	4		
	Nonwhite	67		16	23	12	13	3			
Campbell	Total	622		65	208	210	114	21	3	1	
	White	506		52	159	172	100	20	2	1	
	Nonwhite	116		13	49	38	14	1	1		
Bedford City	Total	58		10	21	16	9	1	1		
	White	35		6	8	12	8	1			
	Nonwhite	23		4	13	4	1		1		
Lynchburg	Total	891	4	129	291	253	164	44	6		
	White	559		38	160	182	138	36	5		
	Nonwhite	332	4	91	131	71	26	8	1		
District 12	Total	3,017	14	471	1,004	869	500	148	11		
	White	2,029	6	263	645	618	380	109	8		
	Nonwhite	988	8	208	359	251	120	39	3		
Franklin	Total	469		61	149	152	81	26			
	White	387		49	110	131	74	23			
	Nonwhite	82		12	39	21	7	3			
Henry	Total	728	3	124	260	196	116	28	1		
	White	525	2	89	183	141	89	20	1		
	Nonwhite	203	1	35	77	55	27	8			
Patrick	Total	179	2	32	61	44	31	9			
	White	166	1	27	58	43	28	9			
	Nonwhite	13	1	5	3	1	3				
Pittsylvania	Total	831	3	115	288	249	125	45	6		
	White	558	2	55	197	174	97	28	5		
	Nonwhite	273	1	60	91	75	28	17	1		
Danville	Total	560	4	95	170	168	99	22	2		
	White	262	1	27	65	96	57	15	1		
	Nonwhite	298	3	68	105	72	42	7	1		
Martinsville	Total	250	2	44	76	60	48	18	2		
	White	131		16	32	33	35	14	1		
	Nonwhite	119	2	28	44	27	13	4	1		
District 13	Total	943	6	162	314	264	165	46	6		
	White	452	1	49	140	150	85	25	2		
	Nonwhite	491	5	93	174	114	80	21	4		
Brunswick	Total	190	2	28	58	57	36	7	2		
	White	61		10	20	18	7	3	1		
	Nonwhite	129	2	18	38	39	29	2	1		
Halifax	Total	319		44	111	93	51	19	1		
	White	182		18	54	89	30	11			
	Nonwhite	137		26	57	24	21	8	1		
Mecklenburg	Total	353	3	59	117	97	61	13	3		
	White	165	1	18	53	51	36	5	1		
	Nonwhite	188	2	41	64	46	25	8	2		
South Boston	Total	81	1	11	28	17	17	7			
	White	44		3	13	12	12	4			
	Nonwhite	37	1	8	15	5	5	3			
District 14	Total	1,089	7	190	345	315	174	48	10		
	White	596		65	169	214	116	31	1		
	Nonwhite	493	7	125	176	101	58	17	9		
Amelia	Total	132	1	18	40	45	21	7			
	White	84		9	17	35	18	5			
	Nonwhite	48	1	9	23	10	3	2			
Buckingham	Total	168	1	32	55	46	28	5	1		
	White	95		9	33	29	19	4	1		
	Nonwhite	73	1	23	22	17	9	1			
Charlotte	Total	139	2	27	46	32	27	5			
	White	70		6	20	22	19	3			
	Nonwhite	69	2	21	26	10	8	2			
Cumberland	Total	106		18	34	29	15	9	1		
	White	62		6	18	21	9	8			
	Nonwhite	44		12	16	8	6	1	1		
Lunenburg	Total	160		21	54	46	30	7	2		
	White	89		11	22	36	13	5			
	Nonwhite	71		10	32	10	15	2	2		

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	87,125	286	10,189	25,727	27,014	17,329	5,817	736	18	9
	White	64,400	71	5,897	18,094	20,938	14,033	4,759	588	13	7
	Nonwhite	22,725	215	4,292	7,633	6,076	3,296	1,058	148	5	2
District 14 (continued)											
Nottoway	Total	183	1	37	51	60	25	7	2		
	White	101		15	29	38	16	3			
	Nonwhite	82	1	22	22	22	9	4	2		
Prince Edward	Total	201	2	37	65	57	28	8	4		
	White	95		9	30	33	20	3			
	Nonwhite	106	2	28	35	24	8	5	4		
District 15											
Charles City Co.	Total	10,330	40	1,116	2,614	3,338	2,336	803	81	2	
	White	6,599	5	390	1,398	2,333	1,799	614	59	1	
	Nonwhite	3,731	35	726	1,216	1,005	537	189	22	1	
Chesterfield	Total	90		15	30	27	12	6			
	White	20		1	6	8	3	2			
	Nonwhite	70		14	24	19	9	4			
Goochland	Total	2,836	5	188	585	1,073	732	238	15		
	White	2,443	2	132	301	941	636	199	12		
	Nonwhite	393	3	56	84	132	96	39	3		
Hanover	Total	163		10	47	57	33	16			
	White	115		4	28	43	29	11			
	Nonwhite	48		6	19	14	4	5			
Henrico	Total	684	1	60	175	214	168	59	7		
	White	586	1	37	143	186	153	58	8		
	Nonwhite	98		23	30	28	13	3	1		
New Kent	Total	2,767	4	177	626	975	714	241	28	2	
	White	2,089		100	422	745	597	200	24	1	
	Nonwhite	678	4	77	204	230	117	41	4	1	
Powhatan	Total	152		19	47	44	35	7			
	White	113		11	34	35	29	4			
	Nonwhite	39		8	13	9	6	3			
Richmond City	Total	165	1	12	39	59	35	19			
	White	146	1	9	32	53	31	18			
	Nonwhite	19		3	7	6	4	1			
District 16	Total	3,473	29	635	1,065	889	607	217	31		
	White	1,087	1	76	230	320	319	124	17		
	Nonwhite	2,386	28	559	835	569	288	93	14		
Caroline	Total	2,184	6	267	723	661	390	121	16		
	White	1,778	4	193	577	533	332	106	13		
	Nonwhite	406	2	74	146	108	58	15	3		
King George	Total	280	1	45	110	73	37	12	2		
	White	164		17	65	45	26	10	1		
	Nonwhite	116	1	28	45	28	11	2	1		
Stafford	Total	199	1	23	61	65	31	14	4		
	White	148	1	16	46	50	21	12	2		
	Nonwhite	51		7	15	15	10	2	2		
Spotsylvania	Total	703	2	84	202	232	140	38	5		
	White	615	1	68	174	210	126	31	3		
	Nonwhite	88	1	16	28	22	14	7			
Fredericksburg	Total	688	2	71	230	204	140	37	4		
	White	627	2	64	206	189	125	37	4		
	Nonwhite	61		7	24	15	15				
District 17	Total	314		44	120	87	42	20	1		
	White	224		28	86	59	34	16	1		
	Nonwhite	90		16	34	28	8	4			
Lancaster	Total	560	1	109	179	149	93	28	1		
	White	316		43	90	91	68	22	1		
	Nonwhite	244	1	66	89	58	24	6			
Northumberland	Total	133	1	30	34	31	27	10			
	White	77		13	19	18	19	8			
	Nonwhite	56	1	17	15	13	8	2			
Richmond	Total	109		20	39	28	17	5			
	White	64		6	20	21	12	3			
	Nonwhite	45		14	19	7	5				
Westmoreland	Total	96		22	22	30	17	4	1		
	White	33		10	12	17	12	3	1		
	Nonwhite	41		12	10	13	5	1			
Essex	Total	222		37	84	60	32	9			
	White	120		14	39	35	26	6			
	Nonwhite	102		23	45	25	6	3			
Gloucester	Total	931	6	110	279	314	162	51	9		
	White	693	2	71	195	246	133	41	3		
	Nonwhite	238	4	39	84	68	29	10	4		

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	87,125	286	10,189	25,727	27,014	17,329	5,817	736	18	9
	White	64,400	71	5,897	18,094	20,938	14,033	4,759	588	13	7
	Nonwhite	22,725	215	4,292	7,633	6,076	3,296	1,058	148	5	2
District 18 (continued)											
King and Queen	Total	81	3	11	30	19	15	2	1		
	White	45	1	4	18	11	10	1			
	Nonwhite	36	2	7	12	8	5	1	1		
King William	Total	145	1	16	48	39	29	11	1		
	White	93		11	33	23	23	8			
	Nonwhite	52	1	5	23	14	6	2	1		
Mathews	Total	77		12	23	25	13	4			
	White	61		11	14	21	11	4			
	Nonwhite	16		1	9	4	2				
Middlesex	Total	95		11	32	31	14	6	1		
	White	73		9	22	24	11	6	1		
	Nonwhite	22		2	10	7	3				
District 19											
	Total	2,424	20	454	863	661	328	85	13		
	White	1,170	1	156	414	373	174	46	6		
	Nonwhite	1,254	19	298	449	288	154	39	7		
Dinwiddie	Total	251		37	106	66	31	7	4		
	White	156		15	65	46	22	6	2		
	Nonwhite	95		22	41	20	9	1	2		
Greensville	Total	145	2	45	44	28	19	7			
	White	50		12	12	14	8	4			
	Nonwhite	95	2	33	32	14	11	3			
Prince George	Total	331	1	47	89	122	55	16	1		
	White	225		32	58	85	39	11			
	Nonwhite	106	1	15	31	37	16	5	1		
Surry	Total	100	1	15	48	19	14	2	1		
	White	34		2	19	7	6				
	Nonwhite	66	1	13	29	12	8	2	1		
Sussex	Total	174	2	29	58	53	28	3	1		
	White	57		2	16	28	8	2	1		
	Nonwhite	117	2	27	42	25	20	1			
Colonial Heights	Total	196	1	18	73	59	33	10	2		
	White	172	1	17	64	52	27	9	2		
	Nonwhite	24		1	9	7	6	1			
Emporia	Total	57	3	11	19	13	8	3			
	White	16		3	3	6	4				
	Nonwhite	41	3	8	16	7	4	3			
Hopewell	Total	435	1	88	166	119	49	10	2		
	White	288		46	113	84	33	9	1		
	Nonwhite	147	1	42	53	35	14	1	1		
Petersburg	Total	735	9	164	260	182	91	27	2		
	White	172		27	64	51	25	5			
	Nonwhite	563	9	137	196	131	66	22	2		
District 20											
	Total	17,474	73	2,259	6,154	5,319	2,765	809	87	4	2
	White	11,522	9	1,067	4,016	3,777	2,013	578	59	3	
	Nonwhite	5,952	66	1,192	2,138	1,542	752	231	28	1	2
Isle of Wight	Total	393	2	44	131	149	52	12	3		
	White	258		22	78	114	33	11	1		
	Nonwhite	134	2	22	53	35	19	1	2		
Southampton	Total	176	1	22	69	46	33	4	1		
	White	81		3	29	27	18	4			
	Nonwhite	95	1	19	40	19	15		1		
Chesapeake	Total	2,326	10	280	767	756	387	109	16	1	
	White	1,571	3	140	493	530	288	85	12		
	Nonwhite	755	7	140	274	206	99	24	4	1	
Franklin City	Total	171	4	22	60	48	30	6	1		
	White	72	1	5	23	20	20	2	1		
	Nonwhite	99	3	17	37	28	10	4			
Norfolk	Total	5,396	29	829	2,197	1,431	671	222	15	1	1
	White	3,007	3	326	1,303	816	407	139	10	1	
	Nonwhite	2,389	26	503	892	615	264	83	5		1
Portsmouth	Total	1,920	16	358	706	520	242	70	8		
	White	932	1	94	367	296	132	38	4		
	Nonwhite	988	15	264	339	224	110	32	4		
Suffolk	Total	784	8	15	283	209	104	39	5		
	White	333		34	97	117	62	21	2		
	Nonwhite	451	8	102	186	92	42	18	3		
Virginia Beach	Total	6,308	5	568	1,941	2,160	1,246	347	38	2	1
	White	5,267	1	443	1,624	1,837	1,053	278	29	2	
	Nonwhite	1,041	4	125	317	323	193	69	9		1
District 21											
	Total	6,625	28	861	2,270	2,069	1,094	274	28	1	
	White	4,217	5	388	1,423	1,433	761	190	17		
	Nonwhite	2,408	23	473	847	636	333	84	11	1	
James City Co.	Total	357		31	92	133	79	20	2		
	White	271		16	64	102	70	17	2		
	Nonwhite	86		15	28	31	9	3			

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986 (continued)

Planning District/ City or County	Race	Total	Age of Mother								Unk.
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	
STATE OF VIRGINIA	Total	87,125	286	10,189	25,727	27,014	17,329	5,817	736	18	9
	White	64,400	71	5,897	18,094	20,938	14,033	4,759	588	13	7
	Nonwhite	22,725	215	4,292	7,633	6,076	3,296	1,058	148	5	2
District 21 (continued)											
York	Total	318	36	61	104	86	28	3			
	White	245	18	42	84	75	24	2			
	Nonwhite	73	18	19	20	11	4	1			
Hampton	Total	2,379	6	278	844	755	389	94	13		
	White	1,473	3	135	519	510	242	59	5		
	Nonwhite	906	3	143	325	245	147	35	8		
Newport News	Total	3,212	22	459	1,153	978	477	114	8	1	
	White	1,959	2	199	711	652	316	73	6		
	Nonwhite	1,253	20	260	442	326	161	41	2	1	
Poquoson	Total	109		7	31	35	26	9	1		
	White	108		7	31	35	25	9	1		
	Nonwhite	1					1				
Williamsburg	Total	250		50	89	64	37	9	1		
	White	161		13	56	50	33	8	1		
	Nonwhite	89		37	33	14	4	1			
District 22											
	Total	653	9	130	228	158	90	30	8		
	White	279		29	91	83	56	16	4		
	Nonwhite	374	9	101	137	75	34	14	4		
Accomack	Total	459	6	93	163	107	63	22	5		
	White	212		24	74	59	39	13	3		
	Nonwhite	247	6	69	89	48	24	9	2		
Northampton	Total	194	3	37	65	51	27	8	3		
	White	67		5	17	24	17	3	1		
	Nonwhite	127	3	32	48	27	10	5	2		

TABLE 10
RESIDENT LIVE BIRTHS BY BIRTH ORDER BY BIRTH WEIGHT
VIRGINIA, 1986

Birth Weight	Total	Birth Order										Unk.
		1	2	3	4	5	6	7	8	9	10+	
TOTAL	87,125	39,370	29,394	12,297	3,989	1,229	471	176	76	43	35	45
Low Weight	6,207	2,876	1,867	905	347	121	53	17	7	3	6	5
500 grams or less	158	63	57	24	9	3	2					
501-1500 grams	1,002	481	285	141	62	16	9	4	1			3
1501-2500 grams	5,047	2,332	1,525	740	276	102	42	13	6	3	6	2
Full-Weight	80,840	36,464	27,509	11,382	3,636	1,106	418	159	69	40	29	28
2501-3500 grams	45,666	21,829	14,746	6,141	1,961	585	226	92	33	17	18	18
3501-4500 grams	33,513	14,070	12,131	4,934	1,578	489	175	61	34	20	11	10
4501 grams and over	1,661	565	632	307	97	32	17	6	2	3		
Unknown	78	30	18	10	6	2						12

TABLE 11
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT BY RACE AND AGE OF MOTHER
VIRGINIA, 1986

Age of Mother	Total	Birth Weight (in grams)												Total Full Weight	Unknown
		500 or Less	501-1,000	1,001-1,500	1,501-2,000	2,001-2,500	Total Low Weight	2,501-3,000	3,001-3,500	3,501-4,000	4,001-4,500	4,501-5,000	Over 5,000		
TOTAL	87,125	158	422	580	1,194	3,853	6,207	14,192	31,474	25,315	8,198	1,481	180	80,840	78
Under 15	286	1	2	2	6	25	36	71	113	54	11	1		250	
15-19	10,189	22	78	97	192	603	992	2,188	3,880	2,424	595	90	8	9,185	12
20-24	25,727	47	141	196	366	1,233	1,983	4,533	9,593	7,126	2,092	346	37	23,727	17
25-29	27,014	43	109	147	318	1,070	1,687	4,052	9,719	8,296	2,702	480	55	25,304	23
30-34	17,329	33	66	97	197	674	1,067	2,449	5,993	5,350	1,995	402	58	16,247	15
35-39	5,817	10	22	34	101	213	380	783	1,935	1,839	708	143	19	5,427	10
40-44	736	2	4	7	14	32	59	108	236	218	92	19	3	676	1
45 and over	18					1	1	6	3	5	3			17	
Unknown	9					2	2	2	2	3				7	
WHITE	64,400	78	209	324	733	2,315	3,659	8,863	22,654	20,592	7,114	1,302	156	60,681	60
Under 15	71	1			1	5	7	13	28	15	7	1		64	
15-19	5,897	10	36	44	103	271	464	1,001	2,197	1,676	471	76	7	5,428	5
20-24	18,094	15	65	104	205	700	1,089	2,698	6,588	5,582	1,789	304	30	16,991	14
25-29	20,938	21	53	87	205	697	1,063	2,732	7,349	6,939	2,373	414	48	19,855	20
30-34	14,033	22	40	59	133	474	728	1,771	4,768	4,588	1,757	357	51	13,292	13
35-39	4,759	7	12	27	79	148	273	567	1,535	1,595	633	132	17	4,479	7
40-44	588	2	3	3	7	17	32	77	186	189	82	18	3	555	1
45 and over	13					1	1	3	2	5	2			12	
Unknown	7					2	2	1	1	3				5	
NONWHITE	22,725	80	213	256	461	1,538	2,548	5,329	8,820	4,723	1,084	179	24	20,159	18
Under 15	215		2	2	5	20	29	58	85	39	4			186	
15-19	4,292	12	42	53	89	332	528	1,187	1,683	748	124	14	1	3,757	7
20-24	7,633	32	76	92	161	533	894	1,835	3,005	1,544	303	42	7	6,736	3
25-29	6,076	22	56	60	113	373	624	1,320	2,370	1,357	329	66	7	5,449	3
30-34	3,296	11	26	38	64	200	339	678	1,225	762	238	45	7	2,955	2
35-39	1,058	3	10	7	22	65	107	216	400	244	75	11	2	948	3
40-44	148		1	4	7	15	27	31	50	29	10	1		121	
45 and over	5							3	1		1			5	
Unknown	2							1	1					2	

TABLE 12 - RESIDENT LIVE BIRTHS BY LIVE BIRTH ORDER, BY AGE AND RACE OF MOTHER, VIRGINIA, 1986

Age of Mother	Total Births	LIVE BIRTH ORDER										
		1	2	3	4	5	6	7	8	9	10+	Unknown
TOTAL	87,125	39,370	29,394	12,297	3,989	1,229	471	176	76	43	35	45
Under 15 years	286	282	4									
15-19 years	10,189	8,038	1,779	316	44	7	1		1			3
20-24 years	25,727	13,661	8,438	2,764	671	148	24	7	1			13
25-29 years	27,014	11,008	10,146	4,117	1,239	316	116	38	14	3	4	13
30-34 years	17,329	4,973	6,847	3,559	1,268	421	156	58	21	10	4	12
35-39 years	5,817	1,268	1,993	1,382	652	281	133	47	25	20	12	4
40-44 years	736	136	183	154	110	49	40	26	14	9	15	
45 years & over	18	1	1	3	5	6	1			1		
Unknown	9	3	3	2		1						
WHITE - Total	64,400	29,659	22,230	8,663	2,590	756	270	112	47	20	16	37
Under 15 years	71	70	1									
15-19 years	5,897	4,882	889	109	11	3			1			2
20-24 years	18,094	10,243	5,898	1,578	308	47	7	2	1			10
25-29 years	20,938	9,029	7,931	2,918	782	185	53	21	5	2	1	11
30-34 years	14,033	4,228	5,682	2,808	888	278	93	36	8	1	1	10
35-39 years	4,759	1,090	1,670	1,132	505	199	91	34	21	9	4	4
40-44 years	588	114	156	114	93	39	25	19	11	7	10	
45 years & over	13	1	1	2	3	4	1			1		
Unknown	7	2	2	2		1						
NONWHITE - Total	22,725	9,711	7,164	3,634	1,399	473	201	64	29	23	19	8
Under 15 years	215	212	3									
15-19 years	4,292	3,156	890	207	33	4	1					1
20-24 years	7,633	3,418	2,540	1,186	363	101	17	5				3
25-29 years	6,076	1,979	2,215	1,199	457	131	63	17	9	1	3	2
30-34 years	3,296	745	1,165	751	380	143	63	22	13	9	3	
35-39 years	1,058	178	323	250	147	82	42	13	4	11	8	
40-44 years	148	22	27	40	17	10	15	7	3	2	5	
45 years & over	5			1	2	2						
Unknown	2	1	1									

TABLE 13 - PERCENT DISTRIBUTION OF RESIDENT LIVE BIRTHS BY LIVE BIRTH ORDER BY AGE AND RACE OF MOTHER, VIRGINIA, 1986

Age of Mother	Total Births	LIVE BIRTH ORDER										
		1	2	3	4	5	6	7	8	9	10+	Unknown
TOTAL	87,125	45.2	33.7	14.1	4.6	1.4	0.5	0.2	0.1	*	*	0.1
Under 15 years	286	98.6	1.4									
15-19 years	10,189	78.9	17.3	3.1	0.4	0.1	*		*			*
20-24 years	25,727	53.1	32.8	10.7	2.6	0.6	0.1	*	*			0.1
25-29 years	27,014	40.7	37.6	15.2	4.6	1.2	0.4	0.1	0.1	*	*	*
30-34 years	17,329	28.7	39.5	20.5	7.3	2.4	0.9	0.3	0.1	0.1	*	0.1
35-39 years	5,817	21.8	34.3	23.8	11.2	4.8	2.3	0.8	0.4	0.3	0.2	0.1
40-44 years	736	18.5	24.9	20.9	14.9	6.7	5.4	3.5	1.9	1.2	2.0	
45 years & over	18	5.6	5.6	16.7	27.8	33.3	5.6			5.6		
Unknown	9	33.3	33.3	22.2		11.1						
WHITE - Total	64,400	46.1	34.5	13.5	4.0	1.2	0.4	0.2	0.1	*	*	0.1
Under 15 years	71	98.6	1.4									
15-19 years	5,897	82.8	15.1	1.8	0.2	0.1			*			*
20-24 years	18,094	56.6	32.6	8.7	1.7	0.3	*		*			0.1
25-29 years	20,938	43.1	37.9	13.9	3.7	0.9	0.3	0.1	*	*	*	0.1
30-34 years	14,033	30.1	40.5	20.0	6.3	2.0	0.7	0.3	0.1	*	*	0.1
35-39 years	4,759	22.9	35.1	23.8	10.6	4.2	1.9	0.7	0.4	0.2	0.1	0.1
40-44 years	588	19.4	26.5	19.4	15.8	6.6	4.3	3.2	1.9	1.2	1.7	
45 years & over	13	7.7	7.7	15.4	23.1	30.8	7.7			7.7		
Unknown	7	28.6	28.6	28.6		14.3						
NONWHITE - Total	22,725	42.7	31.5	16.0	6.2	2.1	0.9	0.3	0.1	0.1	0.1	*
Under 15 years	215	98.6	1.4									
15-19 years	4,292	73.5	20.7	4.8	0.8	0.1	*		*			*
20-24 years	7,633	44.8	33.3	15.5	4.8	1.3	0.2	0.1				*
25-29 years	6,076	32.6	36.5	19.7	7.5	2.2	1.0	0.3	0.1	*	*	*
30-34 years	3,296	22.6	35.3	22.8	11.5	4.3	1.9	0.7	0.4	0.3	0.1	0.1
35-39 years	1,058	16.8	30.5	23.6	13.9	7.8	4.0	1.2	0.4	1.0	0.8	
40-44 years	148	14.9	18.2	27.0	11.5	6.8	10.1	4.7	2.0	1.4	3.4	
45 years & over	5			20.0	40.0	40.0					0.0	
Unknown	2	50.0	50.0									

*Less than 0.05 percent.

TABLE 14
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER BY BIRTH ORDER
VIRGINIA, 1986

Birth Order	Total	Highest Grade Completed						
		Elementary		High School		College		Unknown
		0-6	7-8	9-11	12	1-3	4+	
TOTAL	87,125	648	2,398	14,029	34,035	17,412	18,368	235
1	39,370	210	987	6,091	15,329	8,054	8,607	92
2	29,394	147	621	4,119	11,825	5,941	6,678	63
3	12,297	134	415	2,310	4,721	2,377	2,308	32
4	3,989	71	211	962	1,488	701	550	6
5	1,229	30	85	333	414	218	139	10
6	471	26	39	129	153	75	43	6
7	176	15	22	43	49	21	23	3
8	76	6	8	17	28	13	4	
9	43	2	4	13	13	6	5	
10+	35	7	5	10	5	5	3	
Unknown	45		1	2	10	1	8	23

TABLE 15
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER BY TRIMESTER CARE BEGAN
VIRGINIA, 1986

Trimester Care Began	Total	Highest Grade Completed						
		Elementary		High School		College		Unknown
		0-6	7-8	9-11	12	1-3	4+	
TOTAL	87,125	648	2,398	14,029	34,035	17,412	18,368	235
First	69,527	322	1,410	8,972	26,814	14,965	16,939	105
Second	13,794	221	736	3,862	5,744	2,003	1,169	59
Third	2,669	72	185	842	1,042	317	190	21
None	829	23	54	296	320	88	35	13
Unknown	306	10	13	57	115	39	35	37

TABLE 16
RESIDENT LIVE BIRTHS BY BIRTH ORDER BY TRIMESTER CARE BEGAN
VIRGINIA, 1986

Trimester Care Began	Total	Birth Order										
		1	2	3	4	5	6	7	8	9	10+	Unknown
TOTAL	87,125	39,370	29,394	12,297	3,989	1,229	471	176	76	43	35	45
First	69,527	31,872	24,103	9,446	2,809	804	299	91	42	26	18	17
Second	13,794	5,992	4,186	2,226	880	301	115	53	20	12	9	
Third	2,669	1,093	795	443	189	82	35	14	7	3	5	3
None	829	278	224	153	97	36	16	15	5	2	2	1
Unknown	306	135	86	29	14	6	6	3	2		1	24

TABLE 17
RESIDENT LIVE BIRTHS BY AGE OF MOTHER BY TRIMESTER CARE BEGAN
VIRGINIA, 1986

Trimester Care Began	Total	Age of Mother											
		Under 15	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45 & Over
TOTAL	87,125	286	572	1,094	1,834	2,870	3,819	25,727	27,014	17,329	5,817	736	18
First	69,527	109	244	520	1,036	1,691	2,432	19,316	23,096	15,349	5,108	602	16
Second	13,794	133	246	431	615	912	1,079	4,957	3,139	1,620	563	97	1
Third	2,669	32	62	98	133	193	216	1,023	537	251	97	26	1
None	829	11	15	41	42	59	75	315	158	74	34	5	
Unknown	306	1	5	4	8	15	17	116	84	35	15	6	

TABLE 18
RESIDENT BIRTHS WITH APGAR SCORE BY AGE OF MOTHER
VIRGINIA, 1986

Apgar Score	TOTAL	Age of Mother								Unknown
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	
TOTAL	87,125	286	10,189	25,727	27,014	17,329	5,817	736	18	9
(1 minute)										
00	44	1	6	12	9	12	3	1		
01	810	2	127	257	226	138	46	14		
02	741	4	111	229	193	133	57	14		
03	944	5	157	294	254	164	61	9		
04	1,249	5	173	415	357	204	82	11	1	1
05	1,912	8	294	578	545	344	130	13		
06	3,351	9	465	1,035	975	612	217	36	2	
07	9,140	38	1,143	2,854	2,736	1,672	602	88	5	2
08	35,464	108	3,842	10,342	11,201	7,256	2,430	276	5	4
09	32,468	99	3,725	9,423	10,245	6,613	2,099	257	5	2
10	512	2	65	149	156	101	32	7		
Unknown	490	5	81	139	117	80	58	10		
(5 minutes)										
00	30		6	8	5	9	2			
01	232		39	71	68	38	11	5		
02	112	1	16	38	29	18	10			
03	121		17	41	32	20	9	2		
04	192	3	37	78	41	19	11	3		
05	320	3	51	101	83	53	26	3		
06	727	3	114	247	192	113	44	13		1
07	1,695	5	269	540	458	294	111	18		
08	8,045	35	1,066	2,528	2,353	1,508	488	62	4	1
09	64,978	207	7,420	18,892	20,399	13,106	4,392	541	14	7
10	10,177	24	1,073	3,046	3,232	2,069	654	79		
Unknown	496	5	81	137	122	82	59	10		

TABLE 19
RESIDENT BIRTHS WITH APGAR SCORE BY RACE AND SEX
VIRGINIA, 1986

Apgar Score	Total	Race/Sex			
		White Male	White Female	Nonwhite Male	Nonwhite Female
TOTAL	87,125	32,777	31,623	11,530	11,195
(1 minute)					
00	44	18	12	7	7
01	810	227	220	189	174
02	741	253	209	154	125
03	944	340	247	191	166
04	1,249	463	382	194	210
05	1,912	693	599	327	293
06	3,351	1,200	1,130	509	512
07	9,140	3,387	3,382	1,176	1,195
08	35,464	13,504	13,256	4,439	4,265
09	32,468	12,344	11,806	4,217	4,101
10	512	224	224	33	31
Unknown	490	124	156	94	116
(5 minutes)					
00	30	12	7	4	7
01	232	61	56	62	53
02	112	34	27	23	28
03	121	28	31	33	29
04	192	47	47	55	43
05	320	111	91	55	63
06	727	237	208	146	136
07	1,695	584	525	289	297
08	8,045	2,921	2,662	1,239	1,223
09	64,978	24,224	23,476	8,750	8,528
10	10,177	4,388	4,341	778	670
Unknown	496	130	152	96	118

TABLE 20 - COMPLICATIONS OF PREGNANCY REPORTED FOR RESIDENT LIVE BIRTHS
BY TRIMESTER CARE BEGAN, VIRGINIA, 1986

Complications of Pregnancy	Total	Trimester Care Began				
		1st	2nd	3rd	None	Unknown
Unduplicated Count of Births with Complications	36,012	28,437	5,998	1,146	296	135
Complications Related to Pregnancy						
Hemorrhage in early pregnancy	265	250	12	3		
Placenta previa	301	243	48	7	3	
Premature separation of placenta	430	339	69	12	7	3
Other and unspecified antepartum hemorrhage	408	323	66	10	6	3
Pre-eclampsia and eclampsia	1,567	1,220	276	56	10	5
Other and unspecified hypertension	2,174	1,695	386	74	9	10
Excessive vomiting	106	93	9	3		1
Early or threatened labor	1,863	1,415	315	58	53	22
Prolonged pregnancy	178	132	34	9	2	1
Edema or excessive weight gain	140	108	29	3		
Infections of genitourinary tract	1,592	1,031	459	94	8	
Other and unspecified complications of pregnancy	94	71	19	4		
Conditions during the puerperium	14	10	2	1	1	
Conditions in the Mother Complicating the Pregnancy						
Venereal disease	192	117	67	8		
Other infective and parasitic diseases	1,294	932	310	39	11	2
Diabetes mellitus	1,226	1,009	174	34	1	8
Anemia	1,096	656	368	62	7	3
Phlebitis, thrombosis and other venous complications	46	38	6	2		
Obesity	383	243	120	15	5	
Injury during pregnancy	138	122	9	3	2	2
Operation during pregnancy	63	49	12	2		
Other conditions in mother affecting pregnancy	1,875	1,382	373	77	34	9
Complications Affecting Delivery						
Multiple pregnancy	731	641	90	12	3	5
Malposition or malpresentation of fetus	2,702	2,207	415	48	19	13
Fetopelvic disproportion	3,296	2,814	393	70	15	4
Uterine scar from previous surgery	5,163	4,243	767	125	19	9
Cervical incompetence	174	154	16	2		2
Other or unspecified abnormality of organs and soft tissues of pelvis	145	126	14	3	2	1
RH incompatibility	368	238	110	19		1
Fetal distress	6,433	5,024	1,084	242	58	25
Other fetal and placental problems	425	331	71	18	3	2
Polyhydramnios	102	78	19	5		
Premature rupture of membranes	1,698	1,307	290	51	43	7
Other problems associated with amniotic cavity and membranes	566	444	85	24	9	4
Obstructed labor	469	385	74	9	1	
Abnormality of forces of labor	2,632	2,136	396	78	15	7
Prolonged labor	325	275	40	9		1
Umbilical cord complications	4,372	3,365	773	167	45	22
Ferineal laceration	400	338	51	5	5	1
Other obstetrical trauma	126	97	18	8	3	
Postpartum hemorrhage	191	145	36	9	1	
Retained placenta or membranes	222	160	40	8	12	2
Other and unspecified complications of labor and delivery	467	342	102	21	2	
Type of Delivery (if specified on certificate)						
Forceps or ventouse delivery	1,738	1,368	249	87	12	22
Breech extraction	12	7	5			
Cesarean delivery	16,619	13,778	2,319	400	76	46

TABLE 21 - CONGENITAL ANOMALIES REPORTED FOR RESIDENT LIVE BIRTHS BY TRIMESTER CARE BEGAN, VIRGINIA, 1986

Congenital Anomalies	Total	Trimester Care Began				
		1st	2nd	3rd	None	Unknown
Unduplicated Count of Infants with Anomalies	716	559	116	22	12	7
All Congenital Anomalies						
Anencephalus	12	10	2			
Spina bifida	29	23	3	1	2	
Other anomalies of nervous system	27	24	2	1		
Anomalies of eye	9	8	1			
Anomalies of ear, face, and neck	19	16	1		2	
Bulbus cordis anomalies and anomalies of cardiac septal closure	8	5	3			
Other anomalies of heart	43	37	4	2		
Other anomalies of circulatory system	16	12	2	1		1
Anomalies of respiratory system	8	8				
Cleft palate and cleft lip	68	52	11	3		
Other anomalies of upper alimentary tract	10	6	4			
Other anomalies of digestive system	21	15	5			1
Undescended testicle	20	13	6	1		
Hypospadias and epispadias	34	28	3		3	
Other anomalies of genitourinary systems	42	31	7	1	1	2
Congenital dislocation of hip	14	13	1			
Deformities of feet	76	58	14	1	2	1
Polydactyly	108	77	25	5		1
Syndactyly	13	10	3			
Other anomalies of limbs	50	40	8	2		
Other anomalies of musculoskeletal system	40	33	5	2		
Anomalies of the integument	43	32	8	1	1	1
Down's syndrome	45	37	6	1	1	
Other chromosomal anomalies	11	10			1	
Other and unspecified anomalies	23	22	1			

TABLE 22 - RESIDENT LIVE BIRTHS AND NATURAL FETAL DEATHS BY RACE AND SEX BY MONTH OF DELIVERY
AND NUMBER OF INDIVIDUALS DELIVERED PER CONFINEMENT, VIRGINIA, 1986

Month	LIVE BIRTHS						NATURAL FETAL DEATHS					
	Total	White		Nonwhite		Total	White			Nonwhite		
		Male	Female	Male	Female		Male	Female	Unk.	Male	Female	Unk.
TOTAL	87,125	32,777	31,623	11,530	11,195	7,397	332	261	4,897	230	165	1,512
January	7,035	2,608	2,539	992	896	684	33	26	453	26	15	131
February	6,498	2,437	2,397	843	821	624	27	17	415	16	12	137
March	7,281	2,791	2,662	922	906	628	29	21	417	18	12	131
April	6,944	2,716	2,595	816	817	699	30	25	466	14	14	150
May	7,171	2,698	2,643	893	937	639	36	28	417	16	12	130
June	7,067	2,720	2,617	900	830	554	27	27	343	21	10	126
July	7,795	2,911	2,804	1,045	1,035	671	26	20	448	22	18	137
August	7,745	2,907	2,772	1,114	952	546	25	13	344	26	19	119
September	7,851	2,896	2,803	1,087	1,065	595	23	18	413	9	20	112
October	7,432	2,762	2,620	1,027	1,023	627	25	26	421	23	12	120
November	6,850	2,600	2,455	907	888	534	24	24	355	21	11	99
December	7,456	2,731	2,716	984	1,025	596	27	16	405	18	10	120
Single births	85,206	32,061	30,940	11,271	10,934	7,280	302	237	4,881	204	155	1,501
Born as twins	1,876	699	657	259	261	110	30	20	14	26	10	10
Born as triplets	35	12	23			7		4	2			1
Born as quads	8	5	3									

TABLE 23 - RESIDENT LIVE BIRTHS BY SEX AND SEX RATIO BY RACE
VIRGINIA, 1977-1986

Year	TOTAL			WHITE			NONWHITE		
	Male	Female	Males per 1,000 Females	Male	Female	Males per 1,000 Females	Male	Female	Males per 1,000 Females
1977	38,259	35,987	1,063	28,784	26,878	1,071	9,475	9,109	1,040
1978	37,714	35,635	1,058	28,284	26,637	1,062	9,430	8,998	1,048
1979	39,476	37,423	1,055	29,213	27,523	1,061	10,263	9,900	1,037
1980	40,086	38,337	1,046	29,842	28,205	1,058	10,244	10,132	1,011
1981	40,862	38,416	1,064	30,379	28,441	1,068	10,483	9,975	1,051
1982	41,626	39,472	1,055	31,198	29,271	1,066	10,428	10,201	1,022
1983	41,508	39,271	1,057	31,045	29,041	1,069	10,463	10,230	1,023
1984	42,430	40,232	1,055	31,596	29,795	1,060	10,834	10,437	1,038
1985	44,340	41,644	1,065	33,238	30,761	1,081	11,102	10,883	1,020
1986	44,307	42,818	1,035	32,777	31,623	1,036	11,530	11,195	1,030

TABLE 24 - RESIDENT PREGNANCY TERMINATIONS (LIVE BIRTHS, NATURAL FETAL DEATHS AND INDUCED ABORTIONS)
BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY AGE OF MOTHER, VIRGINIA, 1986

Age of Mother	Total			White			Nonwhite		
	Number		Percent Illeg.	Number		Percent Illeg.	Number		Percent Illeg.
	Total	Illeg.		Total	Illeg.		Total	Illeg.	
TOTAL	126,499	48,529	38.4	91,251	26,396	28.9	35,248	22,133	62.8
Under 15 years	699	672	96.1	225	198	88.0	474	474	100.0
15-19 years	19,128	14,556	76.1	12,040	7,999	66.4	7,088	6,557	92.5
15 years	1,352	1,263	93.4	683	600	87.8	669	663	99.1
16 years	2,474	2,201	89.0	1,483	1,231	83.0	991	970	97.9
17 years	3,675	3,043	82.8	2,354	1,768	75.1	1,321	1,275	96.5
18 years	5,248	3,932	74.9	3,330	2,159	64.8	1,918	1,773	92.4
19 years	6,379	4,117	64.5	4,190	2,241	53.5	2,189	1,876	85.7
20-24 years	38,584	17,718	45.9	26,765	9,535	35.6	11,819	8,183	69.2
25-29 years	35,858	9,152	25.5	26,899	4,934	18.3	8,959	4,218	47.1
30-34 years	22,432	4,277	19.1	17,547	2,362	13.5	4,885	1,915	39.2
35-39 years	8,346	1,750	21.0	6,638	1,085	16.3	1,708	665	38.9
40-44 years	1,300	320	24.6	1,021	220	21.5	279	100	35.8
45 years & over	60	19	31.7	43	13	30.2	17	6	35.3
Unknown	92	65		73	50		19	15	

TABLE 25 - RESIDENT LIVE BIRTHS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE
BY AGE OF MOTHER, VIRGINIA, 1986

Age of Mother	Total			White			Nonwhite		
	Number		Percent Illeg.	Number		Percent Illeg.	Number		Percent Illeg.
	Total	Illeg.		Total	Illeg.		Total	Illeg.	
TOTAL	87,125	19,493	22.4	64,400	7,516	11.7	22,725	11,977	52.7
Under 15 years	286	263	92.0	71	48	67.6	215	215	100.0
15-19 years	10,189	6,166	60.5	5,897	2,314	39.2	4,292	3,852	89.7
15 years	572	494	86.4	224	151	67.4	348	343	98.6
16 years	1,094	857	78.3	533	313	58.7	561	544	97.0
17 years	1,834	1,262	68.8	1,036	504	48.6	798	758	95.0
18 years	2,870	1,709	59.5	1,709	666	39.0	1,161	1,043	89.8
19 years	3,819	1,844	48.3	2,395	680	28.4	1,424	1,164	81.7
20-24 years	25,727	7,511	29.2	18,094	2,870	15.9	7,633	4,641	60.8
25-29 years	27,014	3,533	13.1	20,938	1,396	6.7	6,076	2,137	35.2
30-34 years	17,329	1,456	8.4	14,033	605	4.3	3,296	851	25.8
35-39 years	5,817	483	8.3	4,759	234	4.9	1,058	249	23.5
40-44 years	736	76	10.3	588	46	7.8	148	30	20.3
45 years & over	18	1	5.6	13	1	7.7	5		0.0
Unknown	9	4		7	2		2	2	

TABLE 26 - RESIDENT NATURAL FETAL DEATHS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE
BY AGE OF MOTHER, VIRGINIA, 1986

Age of Mother	Total			White			Nonwhite		
	Number		Percent Illeg.	Number		Percent Illeg.	Number		Percent Illeg.
	Total	Illeg.		Total	Illeg.		Total	Illeg.	
TOTAL	7,397	2,328	31.5	5,490	1,208	22.0	1,907	1,120	58.7
Under 15 years	22	21	95.5	9	8	88.9	13	13	100.0
15-19 years	767	526	68.6	472	258	54.7	295	268	90.8
15 years	65	59	90.8	32	27	84.4	33	32	97.0
16 years	103	80	77.7	58	37	63.8	45	43	95.6
17 years	116	90	77.6	73	49	67.1	43	41	95.3
18 years	210	147	70.0	126	70	55.6	84	77	91.7
19 years	273	150	54.9	183	75	41.0	90	75	83.3
20-24 years	1,903	804	42.2	1,314	406	30.9	589	398	67.6
25-29 years	2,129	496	23.3	1,630	261	16.0	499	235	47.1
30-34 years	1,524	293	19.2	1,203	161	13.4	321	132	41.1
35-39 years	814	138	17.0	666	78	11.7	148	60	40.5
40-44 years	199	32	16.1	164	21	12.8	35	11	31.4
45 years & over	11	2	18.2	7	1	14.3	4	1	25.0
Unknown	28	16		25	14		3	2	

TABLE 27 - RESIDENT INDUCED ABORTIONS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE
BY AGE OF MOTHER, VIRGINIA, 1986

Age of Mother	Total			White			Nonwhite		
	Number		Percent Illeg.	Number		Percent Illeg.	Number		Percent Illeg.
	Total	Illeg.		Total	Illeg.		Total	Illeg.	
TOTAL	31,977	26,708	83.5	21,361	17,672	82.7	10,616	9,036	85.1
Under 15 years	391	388	99.2	145	142	97.9	246	246	100.0
15-19 years	8,172	7,864	96.2	5,671	5,427	95.7	2,501	2,437	97.4
15 years	715	710	99.3	427	422	98.8	288	288	100.0
16 years	1,277	1,264	99.0	892	881	98.8	385	383	99.5
17 years	1,725	1,691	98.0	1,245	1,215	97.6	480	476	99.2
18 years	2,168	2,076	95.8	1,495	1,423	95.2	673	653	97.0
19 years	2,287	2,123	92.8	1,612	1,486	92.2	675	637	94.4
20-24 years	10,954	9,403	85.8	7,357	6,259	85.1	3,597	3,144	87.4
25-29 years	6,715	5,123	76.3	4,331	3,277	75.7	2,384	1,846	77.4
30-34 years	3,579	2,528	70.6	2,311	1,596	69.1	1,268	932	73.5
35-39 years	1,715	1,129	65.8	1,213	773	63.7	502	356	70.9
40-44 years	365	212	58.1	269	153	56.9	96	59	61.5
45 years & over	31	16	51.6	23	11	47.8	8	5	62.5
Unknown	55	45		41	34		14	11	

TABLE 28 - TEENAGE TOTAL PREGNANCY TERMINATIONS, LIVE BIRTHS, INDUCED ABORTIONS, AND NATURAL FETAL DEATHS
BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986

Planning District/ City or County	Teenage Total Pregnancy Terminations				Teenage Live Births				Teenage Induced Abortions				Teenage Natural Fetal Deaths			
	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19
STATE OF VIRGINIA	19,827	699	7,501	11,627	10,475	286	3,500	6,689	8,563	391	3,717	4,455	789	22	284	483
District 1	303	5	99	199	263	3	78	182	33	2	19	12	7		2	5
Lee	93	1	27	65	83		22	61	8	1	5	2	2			2
Scott	59	2	24	33	52	2	18	32	5		5		2		1	1
Wise	136	2	40	94	116	1	32	83	17	1	7	9	3		1	2
Norton	15		8	7	12		6	6	3			1				
District 2	337	4	104	229	267	2	81	184	47	1	17	29	23	1	6	16
Buchanan	103	1	35	67	92	1	33	58	4			4	7		2	5
Dickenson	48		14	34	36		11	25	7		3	4	5			5
Russell	62	1	20	41	46		12	34	14	1	7	6	2		1	1
Tazewell	124	2	35	87	93	1	25	67	22		7	15	9	1	3	5
District 3	450	11	184	255	323	6	121	196	107	5	57	45	20		6	14
Bland	13	1	3	9	9		3	6	4	1		3				
Carroll	71	2	27	42	48		20	28	19	2	5	12	4		2	2
Grayson	36	1	16	19	26	1	10	15	10		6	4				
Smyth	94	1	38	55	69	1	23	45	18		14	4	7		1	6
Washington	112	3	47	62	81	2	30	49	26	1	15	10	5		2	3
Wythe	78	1	38	39	48	1	23	24	26		14	12	4		1	3
Bristol	26	1	7	18	25	1	6	18	1		1					
Galax	20	1	8	11	17		6	11	3	1	2					
District 4	497	11	155	331	251	5	90	156	225	5	61	159	21	1	4	16
Floyd	27		12	15	20		8	12	3		3	2	2		1	1
Giles	59		22	37	41		18	23	12		4	8	6			6
Montgomery	198	5	54	139	76	2	28	46	115	2	24	89	7	1	2	4
Pulaski	140	5	56	79	95	3	31	61	40	2	24	14	5		1	4
Radford	73	1	11	61	19		5	14	53	1	6	46	1			1
District 5	814	34	316	464	407	14	136	257	360	20	163	177	47		17	30
Alleghany	33	1	12	20	17		7	11	14		7	7	2			2
Botetourt	41	1	13	27	18		4	14	20	1	7	12	3		2	1
Craig	7		4	3	5		2	3	2		2					
Roanoke	163	3	58	102	62		22	40	92	3	33	56	9		3	6
Clifton Forge	15	1	4	10	12	1	3	8	2		1	1	1			1
Covington	30		11	19	22		7	15	5		2	3	3		2	1
Roanoke City	429	25	174	230	239	10	82	147	163	15	82	66	27		10	17
Salem	96	3	40	53	32	2	11	19	62	1	29	32	2			2
District 6	536	16	195	325	297	6	99	192	222	10	87	125	17		9	8
Augusta	148	7	62	79	61	1	23	37	84	6	38	40	3		1	2
Bath	17		9	8	10		6	4	7		3	4				
Highland	5		2	3	5		2	3								
Rockbridge	35		15	20	26		9	17	9		6	3				
Rockingham	154	2	50	102	86	1	26	59	60	1	19	40	8		5	3
Buena Vista	14	2	3	9	9	1	3	5	5	1		4				
Harrisonburg	54	3	17	34	27	1	12	14	25	2	5	18	2			2
Lexington	9		3	6	3		1	2	6		2	4				
Staunton	58		18	40	38		8	30	16		7	9	4		3	1
Waynesboro	42	2	16	24	32	2	9	21	10		7	3				
District 7	380	4	131	245	289	3	89	197	59	1	31	27	32		11	21
Clarke	29		9	20	19		4	15	10		3	5				
Frederick	78	1	23	54	61	1	17	43	11		5	6	6		1	5
Page	70	1	30	39	50		18	32	13	1	8	4	7		4	3
Shenandoah	65		22	43	54		16	38	7		4	3	4		2	2
Warren	69	2	23	44	50	2	15	33	13		7	6	6		1	5
Winchester	69		24	45	55		19	36	5		2	3	9		3	6
District 8	3,287	70	1,270	1,947	1,274	22	401	851	1,912	48	834	1,030	101		35	66
Arlington	341	5	134	202	155	1	46	108	175	4	81	90	11		7	4
Fairfax	1,366	21	544	801	450	6	133	311	881	15	399	467	35		12	23
Loudoun	218	5	89	124	82	1	26	55	132	4	62	66	4		1	3
Prince William	618	13	225	380	290	4	85	201	308	9	133	166	20		7	13
Alexandria	485	20	178	287	189	8	73	108	274	12	100	162	22		5	17
Fairfax City	95		40	55	19		8	11	75		32	43	1			1
Falls Church	40	1	18	21	7		3	4	32	1	14	17	1		1	
Manassas	102	4	36	62	65	2	22	41	30	2	12	16	7		2	5
Manassas Park	22	1	6	15	17		5	12	5	1	1	3				
District 9	340	10	118	212	182	3	55	124	144	7	59	78	14		4	10
Culpeper	102	3	36	63	64		21	43	35	3	13	19	3		2	7
Fauquier	135	6	49	80	61	3	20	38	66	3	27	36	8		2	6
Madison	25		6	19	18		4	14	7		2	5				
Orange	66	1	20	45	31		6	25	32	1	14	17	3			3
Rappahannock	12		7	5	8		4	4	4		3	1				
District 10	528	18	194	316	239	4	83	152	259	14	97	148	30		14	16
Albemarle	223	6	78	139	58		18	40	156	6	55	95	9		5	4
Fluvanna	31	2	13	16	19	1	9	9	9	1	4	4	3			3
Greene	30		9	21	17		4	13	10		3	7	3		2	1
Louisa	63	2	23	38	43		13	30	19	2	10	7	1			1
Nelson	40	5	13	22	24	1	8	15	14	4	4	6	2		1	1
Charlottesville	141	3	58	80	78	2	31	45	51	1	21	29	12		6	6
District 11	659	18	252	389	362	6	113	243	262	12	126	124	35		13	22
Amherst	109	7	33	69	59	1	16	42	45	6	16	23	5		1	4
Appomattox	46	1	17	28	27	1	5	21	17		10	7	2		2	
Bedford	106		41	65	68		22	46	38		19	19				
Campbell	114		49	65	65		20	45	37		24	13	12		5	7
Bedford City	14		4	10	10		3	7	2		1	1	2			2
Lynchburg	270	10	108	152	133	4	47	82	123	6	56	61	14		5	9

(continued)

TABLE 28 - TEENAGE TOTAL PREGNANCY TERMINATIONS, LIVE BIRTHS, INDUCED ABORTIONS, AND NATURAL FETAL DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986 (continued)

Planning District/ City or County	Teenage Total Pregnancy Terminations				Teenage Live Births				Teenage Induced Abortions				Teenage Natural Fetal Deaths			
	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19
STATE OF VIRGINIA	19,827	699	7,501	11,627	10,475	286	3,500	6,689	8,563	391	3,717	4,455	789	22	284	483
District 12	844	32	329	483	485	14	175	296	314	18	135	161	45		19	26
Franklin	103	1	42	60	61		21	40	33	1	17	15	9		4	5
Henry	234	8	84	142	127	3	41	83	97	5	38	54	10		5	5
Patrick	54	2	23	29	34	2	13	19	17		8	9	3		2	1
Pittsylvania	223	12	79	132	118	3	37	78	95	9	38	48	10		4	6
Danville	147	7	65	75	99	4	46	49	39	3	17	19	9		2	7
Martinsville	83	2	36	45	46	2	17	27	33		17	16	4		2	2
District 13	255	13	101	141	148	6	48	94	89	6	48	35	18		5	12
Brunswick	45	2	18	23	30	2	9	19	12		8	4	3		1	2
Halifax	93	2	44	47	44		14	30	44	1	28	15	5	1	2	2
Mecklenburg	90	6	33	51	62	3	22	37	20	3	9	8	8		2	6
South Boston	27	3	6	18	12	1	3	8	13	2	3	8	2			2
District 14	318	11	123	184	197	7	71	119	112	4	48	60	9		4	5
Amelia	27	2	8	17	19	1	4	14	7	1	3	3	1		1	
Buckingham	45	3	15	27	33	1	9	23	9	2	4	3	3		2	1
Charlotte	43	2	21	20	29	2	14	13	13		6	7	1		1	
Cumberland	31		13	18	18		4	14	11		9	2	2			2
Lunenburg	41		15	26	21		9	12	18		6	12	2			2
Nottoway	63	2	25	36	38	1	16	21	25	1	9	15				
Prince Edward	68	2	26	40	39	2	15	22	29		11	18				
District 15	2,682	126	1,065	1,491	1,156	40	406	710	1,448	83	627	738	78	3	32	43
Charles City Co.	25		12	13	15		6	9	9		6	3	1			1
Chesterfield	570	10	241	319	193	5	58	130	360	5	178	177	17		5	12
Goochland	24		7	17	10		1	9	14		6	8				
Hanover	162	2	66	94	61	1	18	42	99	1	48	50	2			2
Henrico	608	31	253	324	181	4	64	113	408	24	179	205	19	3	10	6
New Kent	35	1	11	23	19		4	15	15	1	7	7	1			1
Powhatan	28	2	11	15	13	1	3	9	15	1	8	6				
Richmond City	1,230	80	464	686	664	29	252	383	528	51	195	282	38		17	21
District 16	497	13	193	291	273	6	88	179	207	6	100	101	17	1	5	11
Caroline	86	3	36	47	46	1	12	33	39	1	24	14	1	1		
King George	41	1	14	26	24	1	6	17	16		7	9	1		1	
Spotsylvania	142	5	62	75	86	2	36	48	52	3	25	24	4		1	3
Stafford	125	3	42	80	73	2	22	49	44	1	18	25	8		2	6
Fredericksburg	103	1	39	63	44		12	32	56	1	26	29	3		1	2
District 17	166	5	67	94	110	1	38	71	53	4	28	21	3		1	2
Lancaster	43	3	20	20	31	1	14	16	12	2	6	4				
Northumberland	29	1	7	21	20		4	16	8	1	3	4	1			1
Richmond	40	1	17	22	22		6	16	17	1	11	5	1			1
Westmoreland	54		23	31	37		14	23	16		8	8			1	
District 18	199	10	80	109	116	6	33	77	79	4	46	29	4			3
Essex	31		15	16	18		7	11	13		8	5			1	
Gloucester	70	4	26	40	44	2	10	32	25	2	16	7	1			1
King and Queen	22	5	5	12	14	3	3	8	6	2	2	2	2			2
King William	38	1	19	18	17	1	6	10	20		12	8	1		1	
Mathews	19		7	12	12		3	9	7		4	3				
Middlesex	19		8	11	11		4	7	8		4	4				
District 19	764	39	301	424	474	20	177	277	261	17	119	125	29	2	5	22
Dinwiddie	56	1	22	33	37		11	26	18	1	10	7	1		1	
Greensville	57	4	24	29	47	2	21	24	10	2	3	5				
Prince George	79	5	32	42	48	1	21	26	28	4	11	13	3			3
Surry	24	1	13	10	16	1	7	8	8		6	2				
Sussex	51	5	22	24	31	2	10	19	17	2	11	4	3	1	1	1
Colonial Heights	50	2	19	29	19	1	7	11	29		12	17	2	1		1
Emporia	22	3	12	7	14	3	7	4	6		5	1	2			2
Hopewell	133	6	54	73	89	1	33	55	39	5	20	14	5		1	4
Petersburg	292	12	105	177	173	9	60	104	106	3	41	62	13		2	11
District 20	4,148	168	1,548	2,432	2,334	75	773	1,486	1,637	84	708	845	177	9	67	101
Isle of Wight	83	5	26	52	46	2	10	34	33	3	14	16	4		2	2
Southampton	40	1	16	23	23	1	10	12	14		6	8	3			3
Chesapeake	573	24	244	305	290	10	102	178	255	13	131	111	28	1	11	16
Franklin City	44	6	16	22	26	4	8	14	18	2	8	8				
Norfolk	1,370	64	459	847	858	29	288	541	446	31	146	269	66	4	25	37
Portsmouth	573	27	224	322	374	16	135	223	170	10	75	85	29	1	14	14
Suffolk	220	14	80	126	144	8	49	87	57	5	25	27	19	1	6	12
Virginia Beach	1,245	27	483	735	573	5	171	397	644	20	303	321	28	2	9	17
District 21	1,638	69	599	970	889	28	294	567	693	37	285	371	56	4	20	32
James City Co.	44		22	22	31		13	18	12		9	3				1
York	66	3	27	36	36		12	24	28	3	14	11	2		1	1
Hampton	576	20	218	338	284	6	101	177	271	14	106	151	21		11	10
Newport News	804	45	287	472	481	22	153	306	295	19	128	148	28	4	6	18
Poquoson	23		6	17	7		1	6	16		5	11				
Williamsburg	125	1	39	85	50		14	36	71	1	23	47	4		2	2
District 22	181	12	76	93	139	9	51	79	37	3	21	13	5		4	1
Accomack	126	7	48	71	99	8	32	61	23	1	13	9	4		3	1
Northampton	55	5	28	22	40	3	19	18	14	2	8	4	1			
Unknown	4		1	3					3		1	2	1			1

TABLE 29 - NATURAL FETAL DEATHS BY LENGTH OF GESTATION BY RACE BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986

Planning District/ City or County	Natural Fetal Deaths			Length of Gestation					
	Total	White	Nonwhite	Under 20 Weeks			20 Weeks and Over		
				Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	7,397	5,490	1,907	6,633	5,023	1,610	764	467	297
District 1	38	38		28	28		10	10	
Lee	11	11		8	8		3	3	
Scott	3	3		1	1		2	2	
Wise	24	24		19	19		5	5	
Norton									
District 2	120	119	1	106	105	1	14	14	
Buchanan	39	39		35	35		4	4	
Dickenson	11	11		8	8		3	3	
Russell	28	28		26	26		2	2	
Tazewell	42	41	1	37	36	1	5	5	
District 3	151	138	13	137	125	12	14	13	1
Blind	2	2		2	2				
Carroll	28	28		26	26		2	2	
Grayson	15	14	1	13	12	1	2	2	
Smyth	30	29	1	27	26	1	3	3	
Washington	32	29	3	29	26	3	3	3	
Wythe	33	28	5	29	25	4	4	3	1
Bristol	6	4	2	6	4	2			
Galax	5	4	1	5	4	1			
District 4	139	130	9	130	123	7	9	7	2
Floyd	17	15	2	16	13	3	1	1	1
Giles	15	15		14	14		1	1	
Montgomery	61	60	1	56	55	1	5	5	
Pulaski	37	33	4	35	32	3	2	1	1
Radford	9	7	2	9	7	2			
District 5	381	320	61	352	296	56	29	24	5
Alleghany	11	11		9	9		2	2	
Botetourt	38	36	2	36	35	1	2	1	1
Craig	5	5		5	5				
Roanoke	63	55	8	59	52	7	4	3	1
Clifton Forge	7	7		7	7				
Covington	14	13	1	14	13	1			
Roanoke City	212	164	48	192	147	45	20	17	3
Salem	31	29	2	30	28	2	1	1	
District 6	175	163	12	145	135	10	30	28	2
Augusta	28	27	1	24	23	1	4	4	
Bath									
Highland	3	3		3	3				
Rockbridge	4	4		2	2		2	2	
Rockingham	64	63	1	53	52	1	11	11	
Buena Vista	2	1	1	2	1	1			
Harrisonburg	37	33	4	37	33	4			
Lexington									
Staunton	29	25	4	20	18	2	9	7	2
Waynesboro	8	7	1	4	3	1	4	4	
District 7	183	175	8	166	159	7	17	16	1
Clarke	9	9		8	8		1	1	
Frederick	38	36	2	34	32	2	4	4	
Page	29	29		25	25		4	4	
Shenandoah	39	39		36	36		3	3	
Warren	27	25	2	27	25	2			
Winchester	41	37	4	36	33	3	5	4	
District 8	1,711	1,436	275	1,565	1,321	244	146	115	31
Arlington	172	141	31	156	127	29	16	14	2
Fairfax	836	727	109	769	671	98	67	56	11
Loudoun	81	74	7	71	66	5	10	8	2
Prince William	276	243	33	255	225	30	21	18	3
Alexandria	218	136	82	194	125	69	24	11	13
Fairfax City	16	15	1	15	14	1	1	1	
Falls Church	20	18	2	18	16	2	2	2	
Manassas	77	67	10	72	62	10	5	5	
Manassas Park	15	15		15	15				
District 9	134	107	27	115	95	20	19	12	7
Culpeper	26	19	7	21	16	5	5	3	2
Fauquier	57	47	10	53	45	8	4	2	2
Madison	10	8	2	8	7	1	2	1	1
Orange	34	26	8	27	21	6	7	5	2
Rappahannock	7	7		6	6		1	1	
District 10	230	181	49	209	167	42	21	14	7
Albemarle	65	56	9	60	52	8	5	4	1
Fluvanna	15	10	5	14	9	5	1	1	
Greene	18	17	1	17	17		1		1
Louisa	29	22	7	23	17	6	6	5	1
Nelson	10	7	3	9	6	3	1	1	
Charlottesville	93	69	24	86	66	20	7	3	4
District 11	300	238	62	286	228	58	14	10	4
Amherst	52	42	10	49	40	9	3	2	1
Appomattox	12	10	2	12	10	2			
Bedford	41	37	4	41	37	4			
Campbell	54	43	11	49	39	10	5	4	1
Bedford City	133	98	35	128	95	33	5	3	2
Lynchburg	8	8		7	7		1	1	

(continued)

TABLE 29 - NATURAL FETAL DEATHS BY LENGTH OF GESTATION BY RACE BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986 (continued)

Planning District/ City or County	Natural Fetal Deaths			Length of Gestation					
	Total	White	Nonwhite	Under 20 Weeks			20 Weeks and Over		
				Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	7,397	5,490	1,907	6,633	5,023	1,610	764	467	297
District 12	279	187	92	243	164	79	36	23	13
Franklin	63	33	10	35	46	9	8	7	1
Henry	50	42	8	41	36	5	9	6	3
Patrick	13	12	1	12	11	1	1	1	
Pittsylvania	70	44	26	60	39	21	10	5	5
Danville	61	25	36	54	21	33	7	4	3
Martinsville	22	11	11	21	11	10	1		1
District 13	110	51	59	96	48	48	14	3	11
Brunswick	21	7	14	15	6	9	6	1	5
Halifax	33	12	21	31	11	20	2	1	1
Mecklenburg	37	22	15	32	21	11	5	1	4
South Boston	19	10	9	18	10	8	1		1
District 14	87	51	36	78	46	32	9	5	4
Amelia	7	4	3	7	4	3			
Buckingham	16	9	7	13	9	4	3		3
Charlotte	12	8	4	11	7	4	1	1	
Cumberland	9	6	3	8	5	3	1	1	
Lunenburg	16	8	8	15	8	7	1		1
Nottoway	20	16	4	17	13	4	3	3	
Prince Edward	7		7	7		7			
District 15	982	692	290	876	646	230	106	46	60
Charles City Co.	7	1	6	5	1	4	2		2
Chesterfield	304	251	53	281	233	48	23	18	5
Goochland	10	8	2	10	8	2			
Hanover	78	73	5	73	69	4	5	4	1
Henrico	279	238	41	258	222	36	21	16	5
New Kent	11	5	6	10	5	5	1		1
Powhatan	7	6	1	6	5	1	1	1	
Richmond City	286	110	176	233	103	130	53	7	46
District 16	180	154	26	165	146	19	15	8	7
Caroline	18	10	8	15	9	6	3	1	2
King George	14	10	4	12	10	2	2		2
Spotsylvania	41	35	6	39	34	5	2	1	1
Stafford	63	60	3	57	56	1	6	4	2
Fredericksburg	44	39	5	42	37	5	2	2	
District 17	23	13	10	15	11	4	8	2	6
Lancaster	3	1	2	3	1	2	2		2
Northumberland	3	1	2	2	1	1	1		1
Richmond	5	4	1	4	4		1		1
Westmoreland	10	7	3	6	5	1	4	2	2
District 18	60	46	14	54	44	10	6	2	4
Essex	8	6	2	8	6	2			
Gloucester	27	24	3	24	22	2	3	2	1
King and Queen	6	3	3	5	3	2	1		1
King William	14	8	6	12	8	4	2		2
Mathews	1	1		1	1				
Middlesex	4	4		4	4				
District 19	223	111	112	188	98	90	35	13	22
Dinwiddie	17	10	7	13	9	4	4	1	3
Greensville	7	3	4	4	1	3	3	2	1
Prince George	24	13	11	21	12	9	3	1	2
Surry	2	2		1	1		1	1	
Sussex	20	4	16	14	4	10	6		6
Colonial Heights	25	24	1	21	20	1	4	4	
Emporia	8	4	4	6	3	3	2	1	1
Hopewell	25	20	5	21	18	3	4	2	2
Petersburg	95	31	64	87	30	57	8	1	7
District 20	1,393	866	527	1,242	792	450	151	74	77
Ile of Wight	25	15	10	23	14	9	2	1	1
Southampton	18	9	9	16	9	7	2		2
Chesapeake	208	140	68	199	136	63	9	4	5
Franklin City	12	5	7	11	5	6	1		1
Norfolk	478	259	219	415	226	189	63	33	30
Portsmouth	165	81	84	141	75	66	24	6	18
Suffolk	96	43	53	87	41	46	9	2	7
Virginia Beach	391	314	77	350	286	64	41	28	13
District 21	442	246	196	386	220	166	56	26	30
James City Co.	28	15	13	26	14	12	2	1	1
York	18	15	3	17	14	3	1	1	
Hampton	178	98	80	157	89	68	21	9	12
Newport News	189	99	90	158	85	73	31	14	17
Poquoson	5	5		4	4		1	1	
Williamsburg	24	14	10	24	14	10			
District 22	54	26	28	49	24	25	5	2	3
Accomack	35	15	20	32	14	18	3	1	2
Northampton	19	11	8	17	10	7	2	1	1
Unknown	2	2		2	2				

TABLE 30 - RESIDENT NATURAL FETAL DEATHS BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986

Planning District/ City or County	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unknown
STATE OF VIRGINIA	7,397	22	767	1,903	2,129	1,524	814	199	11	28
District 1	38		7	10	11	2	4	2	1	1
Lee	11		2	4	2	2				1
Scott	3		2		1					
Wise	24		3	6	8		4	2	1	
Norton										
District 2	120	1	22	37	23	22	5	5	1	2
Buchanan	39		7	13	11	5	1	2		
Dickenson	11		5	4	1	1				
Russell	28		2	6	7	10	1		1	1
Tazewell	42	1	8	14	6	6	3	3		1
District 3	151		20	49	37	26	12	7		
Bland	2			1				1		
Carroll	28		4	9	7	5	3			
Grayson	15			6	6	2	1			
Smyth	30		7	6	8	5	2	2		
Washington	32		5	14	4	6	3			
Wythe	33		4	9	10	5	1	4		
Bristol	6			2	1	1	2			
Galax	5			2	1	2				
District 4	139	1	20	36	38	32	10	2		
Floyd	17		2	1	7	5	1	1		
Giles	15		6	4	1	2	2			
Montgomery	61	1	6	13	16	20	4	1		
Pulaski	37		5	14	10	5	3			
Radford	9		1	4	4					
District 5	381		47	110	114	71	32	6	1	
Alleghany	11		2	2	4	2	1			
Botetourt	38		3	7	13	9	6			
Craig	5			1	2	1		1		
Roanoke	63		9	16	17	14	6	1		
Clifton Forge	7		1	2	2	2				
Covington	14		3	6	2	2	1			
Roanoke City	212		27	67	65	34	14	4	1	
Salem	31		2	9	9	7	4			
District 6	175		17	34	59	40	19	3		3
Augusta	28		3	4	11	4	3			1
Bath										
Highland	3			2			1			
Rockbridge	4				2	1	1			
Rockingham	64		8	11	23	17	3	2		
Buena Vista	2					1	1			
Harrisonburg	37		2	7	13	11	3	1		
Lexington										
Staunton	29		4	8	6	5	5			1
Waynesboro	8			2	4	1				1
District 7	183		32	52	52	29	10	3	1	4
Clarke	9			4	2	2	1			
Frederick	38		6	11	15	3	1	1		1
Page	29		7	7	6	6	3			
Shenandoah	39		4	12	16	3	2		1	1
Warren	27		6	5	6	6	1	2		1
Winchester	41		9	13	7	9	2			1
District 8	1,711		101	345	463	447	279	67	2	7
Arlington	173		11	24	39	38	27	12		1
Fairfax	836		35	149	220	221	169	38	1	3
Loudoun	81		4	19	21	27	7	2		1
Prince William	276		20	67	87	65	30	5	1	1
Alexandria	218		22	54	47	50	36	8		1
Fairfax City	16		1	2	9	3		1		
Falls Church	20		1	1	4	9	5			
Manassas	77		7	24	29	12	4	1		
Manassas Park	15			5	7	2	1			
District 9	134		14	39	30	29	18	4		
Culpeper	26		3	11	7	1	3	1		
Fauquier	57		8	12	13	15	8	1		
Madison	10			4	1	1	3	1		
Orange	34		3	10	8	11	1	1		
Rappahannock	7			2	1	1	3			
District 10	230		30	54	58	50	31	7		
Albemarle	65		9	14	15	13	13	1		
Fluvanna	15		3	3	4	4	1			
Greene	18		3	6	4	4	1			
Louisa	29		1	7	5	10	4	2		
Nelson	10		2	4	4					
Charlottesville	93		12	20	26	19	12	4		
District 11	300		35	81	85	64	26	7	1	1
Amherst	52		5	13	18	10	3	1		
Appomattox	12		2	4	3	1	1	1		
Bedford	41			15	11	12	2		1	
Campbell	54		12	10	18	10	3			1
Bedford City	8		2	3	2	1				
Lynchburg	133		14	36	33	30	15	5		

(continued)

TABLE 30 - RESIDENT NATURAL FETAL DEATHS BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986 (continued)

Planning District/ City or County	Total	Age of Mother								Unknown
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	
STATE OF VIRGINIA	7,397	22	767	1,903	2,129	1,524	814	199	11	28
District 12	279		45	82	79	40	25	7		1
Franklin	63		9	19	16	11	6	2		
Henry	50		10	12	17	2	5	4		
Patrick	13		3	3	3	2	1			1
Pittsylvania	70		10	23	19	12	5	1		
Danville	61		9	18	18	11	5			
Martinsville	22		4	7	6	2	3			
District 13	110	1	17	29	30	16	10	7		
Brunswick	21		3	10	4	3	1			
Halifax	33	1	4	5	6	9	3	5		
Mecklenburg	37		8	10	13	2	4			
South Boston	19		2	4	7	2	2	2		
District 14	87		9	23	21	22	9	2		1
Amelia	7		1	2	3	1				
Buckingham	16		3	4	4	4	1			
Charlotte	12		1	3	3	3	2			
Cumberland	9		2	2	2	2	1			
Lunenburg	16		2	5	2	5	2			1
Nottoway	20			5	7	4	2	1		
Prince Edward	7			2		3	1			
District 15	982	3	75	202	277	257	138	29	1	
Charles City Co.	7		1	3			1			
Chesterfield	304		17	54	91	87	46	8	1	
Goochland	10			1	2	4	3			
Hanover	78		2	21	26	17	10	2		
Henrico	279	3	16	50	73	89	40	8		
New Kent	11		1	3	4	2	1			
Powhatan	7			2	3		2			
Richmond City	286		38	66	78	58	35	11		
District 16	180	1	16	49	63	27	16	6		2
Caroline	18	1		8	2	2	3	1		1
King George	14		1	3	6	4				
Spotsylvania	41		4	8	18	6	5			
Stafford	63		8	14	24	9	6	2		
Fredericksburg	44		3	16	13	6	2			1
District 17	23		3	5	8	5	1	1		
Lancaster	5				4		1			
Northumberland	3		1	1		1				
Richmond	5		1	1		3				
Westmoreland	10		1	3	4	1		1		
District 18	60		4	10	29	11	5	1		
Essex	8			1	4		2	1		
Gloucester	27		1	4	16	4				
King and Queen	6		2	1	3					
King William	14		1	4	4	5				
Mathews	1				1					
Middlesex	4				1	2	1			
District 19	223	2	27	67	64	41	15	5	2	
Dinwiddie	17		1	7	6	1		1	1	
Greensville	7			2	3	1				
Prince George	24		3	6	7	5	3			
Surry	2					2				
Sussex	20	1	2	5	5	5	2			
Colonial Heights	25	1	1	5	12	5	1			
Emporia	8		2	1	4		1			
Hopewell	25		5	8	7	3	1		1	
Petersburg	95		13	33	20	19	7	3		
District 20	1,393	9	168	447	419	215	107	22	1	5
Isle of Wight	25		4	10	6	1	4			
Southampton	18		3	8	3	2	2			
Chesapeake	208	1	27	67	63	39	8	2		1
Franklin City	12			4	5	2	1			
Norfolk	478	4	62	166	146	63	26	9		2
Portsmouth	165	1	28	47	45	26	16	1		1
Suffolk	96	1	18	28	27	9	12	1		
Virginia Beach	391	2	26	117	124	73	38	9	1	1
District 21	442	4	52	120	153	67	39	6		1
James City Co.	28		1	6	12	5	2	2		
York	18		2	2	8	4	2			
Hampton	178		21	45	55	34	19	3		1
Newport News	189	4	24	61	65	22	12	1		
Poquoson	5			2	2		1			
Williamsburg	24		4	4	11	2	3			
District 22	54		5	22	14	10	3			
Accomack	35		4	16	5	8	2			
Northampton	19		1	6	9	2	1			
Unknown	2		1			1				

TABLE 31 - INDUCED ABORTIONS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE
BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986

Planning District/ City or County	All Induced Abortions			Illegitimate			Percent Illegitimate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	31,977	21,361	10,616	26,708	17,672	9,036	83.5	82.7	85.1
District 1	107	100	7	72	67	5	67.3	67.0	71.4
Lee	24	23	1	11	11		45.8	47.8	
Scott	18	18		14	14		77.8	77.8	
Wise	59	53	6	42	37	5	71.2	69.8	83.3
Norton	6	6		5	5		83.3	83.3	
District 2	131	124	7	90	87	3	68.7	70.2	42.9
Buchanan	30	28	2	17	16	1	56.7	57.1	30.0
Dickenson	16	16		13	13		81.3	81.3	
Russell	28	28		21	21		75.0	75.0	
Tazewell	57	52	5	39	37	2	68.4	71.2	40.0
District 3	286	269	17	212	201	11	74.1	74.7	64.7
Bland	11	11		9	9		81.8	81.8	
Carroll	53	50	3	43	41	2	81.1	82.0	66.7
Grayson	27	27		18	18		66.7	66.7	
Smyth	43	43		27	27		62.8	62.8	
Washington	68	62	6	45	42	3	66.2	67.7	50.0
Wythe	62	58	4	54	50	4	87.1	86.2	100.0
Bristol	11	9	2	7	7		63.6	77.8	
Galax	11	9	2	9	7	2	81.8	77.8	100.0
District 4	701	635	66	620	560	60	88.4	88.2	90.9
Floyd	13	12	1	8	7	1	61.5	58.3	100.0
Giles	32	31	1	25	24	1	78.1	77.4	100.0
Montgomery	426	382	44	369	329	40	86.6	86.1	90.9
Pulaski	93	77	16	84	69	15	90.3	89.6	93.8
Radford	137	133	4	134	131	3	97.8	98.5	75.0
District 5	1,138	910	228	947	740	207	83.2	81.3	90.8
Alleghany	28	27	1	22	21	1	78.6	77.8	100.0
Botetourt	56	53	3	44	42	2	78.6	79.2	66.7
Craig	3	3		3	3		100.0	100.0	
Roanoke	281	262	19	240	223	17	85.4	85.1	89.5
Clifton Forge	11	10	1	9	8	1	81.8	80.0	100.0
Covington	14	10	4	10	6	4	71.4	60.0	100.0
Roanoke City	592	396	196	486	308	178	82.1	77.8	90.8
Salem	153	149	4	133	129	4	86.9	86.6	100.0
District 6	649	582	67	567	504	63	87.4	86.6	94.0
Augusta	224	202	22	201	180	21	89.7	89.1	95.5
Bath	16	15	1	14	13	1	87.5	86.7	100.0
Highland									
Rockbridge	32	31	1	26	23	3	81.3	80.6	100.0
Rockingham	219	202	17	179	164	15	81.7	81.2	88.2
Buena Vista	11	10	1	9	8	1	81.8	80.0	100.0
Harrisonburg	68	57	11	67	56	11	98.5	98.2	100.0
Lexington	14	13	1	13	12	1	92.9	92.3	100.0
Staunton	37	31	6	32	27	5	86.5	87.1	83.3
Waynesboro	28	21	7	26	19	7	92.9	90.5	100.0
District 7	242	224	18	196	181	15	81.0	80.8	83.3
Clarke	32	27	5	30	25	5	93.8	92.6	100.0
Frederick	43	40	3	31	28	3	72.1	70.0	100.0
Page	50	48	2	39	38	1	78.0	79.2	50.0
Shenandoah	26	25	1	21	20	1	80.8	80.0	100.0
Warren	58	55	3	50	47	3	86.2	85.5	100.0
Winchester	33	29	4	25	23	2	75.8	79.3	50.0
District 8	8,203	6,591	1,612	7,062	5,727	1,335	86.1	86.9	82.8
Arlington	971	742	229	857	660	197	88.3	88.9	86.0
Fairfax	3,757	3,174	583	3,203	2,749	454	85.3	86.6	77.9
Loudoun	385	343	42	339	303	36	88.1	88.3	85.7
Prince William	1,209	991	218	1,030	849	181	85.2	85.7	83.0
Alexandria	1,329	855	474	1,150	738	412	86.5	86.3	86.9
Fairfax City	314	284	30	278	255	23	88.5	89.8	76.7
Falls Church	135	114	21	125	106	19	92.6	93.0	90.5
Manassas	95	80	15	75	62	13	78.9	77.5	86.7
Manassas Park	8	8		5	5		62.5	62.5	
District 9	469	388	81	387	318	69	82.5	82.0	85.2
Culpeper	108	87	22	87	66	21	79.8	75.9	95.5
Fauquier	207	177	30	174	150	24	84.1	84.7	80.0
Madison	27	21	6	22	18	4	81.5	85.7	66.7
Orange	106	85	21	85	67	18	80.2	78.8	85.7
Rappahannock	20	18	2	19	17	2	95.0	94.4	100.0
District 10	958	705	253	800	573	227	83.5	81.3	89.7
Albemarle	541	427	114	462	358	104	85.4	85.8	91.2
Fluvanna	32	15	17	28	11	17	87.5	73.3	100.0
Greene	40	38	2	35	33	2	87.5	86.8	100.0
Louisa	69	38	31	55	28	27	79.7	73.7	87.1
Nelson	63	49	14	45	34	11	71.4	69.4	78.6
Charlottesville	213	138	75	175	109	66	82.2	79.0	88.0
District 11	821	535	286	688	433	255	83.8	80.9	89.2
Amherst	117	82	35	99	66	33	84.6	80.5	94.3
Appomattox	39	24	15	36	22	14	92.3	91.7	93.3
Bedford	97	86	11	71	61	10	73.2	70.9	90.9
Campbell	123	92	31	105	77	28	85.4	83.7	90.3
Bedford City	20	14	6	15	9	6	75.0	64.3	100.0
Lynchburg	425	237	188	362	198	164	85.2	83.5	87.2

(continued)

TABLE 31 - INDUCED ABORTIONS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE
BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986 (continued)

Planning District/ City or County	All Induced Abortions			Illegitimate			Percent Illegitimate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	31,977	21,361	10,616	26,708	17,672	9,036	83.5	82.7	85.1
District 12	955	596	359	754	463	291	79.0	77.7	81.1
Franklin	117	97	20	92	75	17	78.6	77.3	85.0
Henry	274	177	97	217	138	79	79.2	78.0	81.4
Patrick	34	29	5	28	25	3	82.4	86.2	60.0
Pittsylvania	299	163	136	235	123	112	78.6	75.5	82.4
Danville	150	87	63	112	64	48	74.7	73.6	76.2
Martinsville	81	43	38	70	38	32	86.4	88.4	84.2
District 13	291	126	165	236	96	140	81.1	76.2	84.8
Brunswick	63	20	43	49	13	36	77.8	65.0	83.7
Halifax	106	55	51	86	44	42	81.1	80.0	82.4
Mecklenburg	89	44	45	73	35	38	82.0	79.5	84.4
South Boston	33	7	26	28	4	24	84.8	57.1	92.3
District 14	361	161	200	316	145	171	87.5	90.1	85.5
Amelia	36	14	22	29	12	17	80.6	85.7	77.3
Buckingham	36	15	21	34	15	19	94.4	100.0	90.5
Charlotte	42	15	27	34	13	21	81.0	86.7	77.8
Cumberland	34	15	19	32	14	18	94.1	93.3	94.7
Lunenburg	50	23	27	41	18	23	82.0	78.3	85.2
Nottoway	71	31	40	58	26	32	81.7	83.9	80.0
Prince Edward	92	48	44	88	47	41	95.7	97.9	93.2
District 15	5,550	2,908	2,642	4,810	2,452	2,358	86.7	84.3	89.3
Charles City Co.	40	9	31	29	4	25	72.5	44.4	80.6
Chesterfield	1,058	835	223	862	678	184	81.5	81.2	82.5
Goochland	57	26	31	46	19	27	80.7	73.1	87.1
Hanover	286	223	63	249	192	57	87.1	86.1	90.5
Henrico	1,644	1,035	609	1,395	878	517	84.9	84.8	84.9
New Kent	35	28	7	30	25	5	85.7	89.3	71.4
Powhatan	63	55	8	48	42	6	76.2	76.4	75.0
Richmond City	2,367	697	1,670	2,151	614	1,537	90.9	88.1	92.0
District 16	744	549	195	624	454	170	83.9	82.7	87.2
Caroline	125	52	73	104	39	65	83.2	75.0	89.0
King George	62	39	23	56	35	21	90.3	89.7	91.3
Spotsylvania	152	125	27	128	105	23	84.2	84.0	85.2
Stafford	176	165	11	145	135	10	82.4	81.8	90.9
Fredericksburg	229	168	61	191	140	51	83.4	83.3	83.6
District 17	188	77	111	153	59	94	81.4	76.6	84.7
Lancaster	46	21	25	36	15	21	78.3	71.4	84.0
Northumberland	41	15	26	30	11	19	73.2	73.3	73.1
Richmond	37	20	17	33	16	17	89.2	80.0	100.0
Westmoreland	64	21	43	54	17	37	84.4	81.0	86.0
District 18	274	173	101	219	133	86	79.9	76.9	85.1
Essex	52	21	31	42	14	28	80.8	66.7	90.3
Gloucester	94	81	13	69	59	10	73.4	72.8	76.9
King and Queen	28	17	11	21	12	9	75.0	70.6	81.8
King William	57	21	36	47	17	30	82.5	81.0	83.3
Mathews	17	14	3	17	14	3	100.0	100.0	100.0
Middlesex	26	19	7	23	17	6	88.5	89.5	85.7
District 19	923	577	346	795	513	282	86.1	83.0	88.3
Dinwiddie	50	23	27	48	21	27	96.0	91.3	100.0
Greensville	38	15	23	30	11	19	78.9	73.3	82.6
Prince George	104	53	51	90	46	44	86.5	86.8	86.3
Surry	32	11	21	25	8	17	78.1	72.7	81.0
Sussex	50	14	36	40	10	30	80.0	71.4	83.3
Colonial Heights	103	85	18	84	68	16	81.6	80.0	88.9
Emporia	19	5	14	14	4	10	73.7	80.0	71.4
Hopewell	152	76	76	131	65	66	86.2	85.5	86.8
Petersburg	375	95	280	333	80	253	88.8	84.2	90.4
District 20	6,255	3,905	2,350	4,942	3,037	1,905	79.0	77.8	81.1
Isle of Wight	94	55	39	77	44	33	81.9	80.0	84.6
Southampton	38	15	23	34	13	21	89.5	86.7	91.3
Chesapeake	762	447	315	608	342	266	79.8	76.5	84.4
Franklin City	47	23	24	39	17	22	83.0	73.9	91.7
Norfolk	1,959	1,006	953	1,576	779	797	80.4	77.4	83.6
Portsmouth	652	260	392	523	196	327	80.2	75.4	83.4
Suffolk	199	98	101	158	72	86	79.4	73.5	85.1
Virginia Beach	2,504	2,001	503	1,927	1,574	353	77.0	78.7	70.2
District 21	2,599	1,347	1,252	2,109	1,068	1,041	81.1	79.3	83.1
James City Co.	50	27	23	42	22	20	84.0	81.3	87.0
York	97	75	22	77	62	15	79.4	82.7	68.2
Hampton	978	451	527	798	353	445	81.6	78.3	84.4
Newport News	1,208	602	606	964	468	496	79.8	77.7	81.8
Poquoson	42	41	1	33	33	0	78.6	80.5	0.0
Williamsburg	224	151	73	195	130	65	87.1	86.1	89.0
District 22	116	67	49	97	53	44	83.6	79.1	89.8
Accomack	79	46	33	64	35	29	81.0	76.1	87.9
Northampton	37	21	16	33	18	15	89.2	85.7	93.8
Unknown	16	12	4	12	8	4	75.0	66.7	100.0

TABLE 32
RESIDENT INDUCED ABORTIONS BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986

Planning District/ City or County	Total	Age of Mother								Unknown
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over	
STATE OF VIRGINIA	31,977	391	8,172	10,954	6,715	3,579	1,715	365	31	55
District 1	107	2	31	34	22	11	5	2		
Lee	24	1	7	10	3	2	1			
Scott	18		5	7	2	3		1		
Wise	59	1	16	15	16	6	4	1		
Norton	6		3	2	1					
District 2	131	1	46	38	27	14	4	1		
Buchanan	30		4	13	10	2	1			
Dickenson	16		7	3	4	2				
Russell	28	1	13	4	4	3	3			
Tazewell	57		22	18	9	7		1		
District 3	286	5	102	85	43	29	17	1		4
Bland	11	1	3	2	1	1	3			
Carroll	53	2	17	18	7	6	1			2
Grayson	27		10	11	3					
Smyth	43		18	13	7	3	2			
Washington	68	1	25	16	10	11	3	1		1
Wythe	62		26	20	5	5	5			1
Bristol	11		1	2	5	3				
Galax	11	1	2	3	5					
District 4	701	5	220	327	85	41	17	6		
Floyd	13		5	4	1	2	1			
Giles	32		12	10	3	5	1	1		
Montgomery	426	2	113	210	60	28	9	4		
Pulaski	93	2	38	28	13	5	6	1		
Radford	137	1	52	75	8	1				
District 5	1,138	20	340	409	212	95	48	11	1	2
Alleghany	28		14	7	3	1	3			
Botetourt	56	1	19	15	12	3	4	2		
Craig	3		2	1						
Roanoke	281	3	89	106	42	25	11	2	1	2
Clifton Forge	11		2	2	5	2				
Covington	14		5	2	2	2	3			
Roanoke City	592	15	148	222	126	51	25	5		
Salem	153	1	61	54	22	11	2	2		
District 6	649	10	212	247	92	49	24	12		3
Augusta	224	6	78	78	33	19	4	4		2
Bath	16		7	4	3	1		1		
Highland										
Rockbridge	32		9	8	8	2	2	3		
Rockingham	219	1	59	96	31	17	12	3		
Buena Vista	11	1	4		3		2	1		
Harrisonburg	68	2	23	35	3	4	1			
Lexington	14		6	5	2	1				
Staunton	37		16	12	4	2	2			1
Waynesboro	28		10	9	5	3	1			
District 7	242	1	58	72	55	31	21	3		1
Clarke	32		10	6	8	5	1	2		
Frederick	43		11	10	11	8	3			
Page	50	1	12	13	14	4	6			
Shenandoah	26		7	11	2	2	4			
Warren	58		13	23	10	8	3			1
Winchester	33		5	9	10	4	4	1		
District 8	8,203	48	1,864	2,685	1,849	1,061	530	132	13	21
Arlington	971	4	171	306	247	158	69	12		4
Fairfax	3,757	15	866	1,205	832	476	271	79	6	7
Loudoun	385	4	128	108	71	49	19	3	2	1
Prince William	1,209	9	299	436	244	135	68	13	3	2
Alexandria	1,329	12	262	437	344	183	64	18	2	7
Fairfax City	314		75	113	63	35	23	5		
Falls Church	135	1	31	40	34	19	10			
Manassas	95	2	28	38	13	6	6	2		
Manassas Park	8	1	4	2	1					
District 9	465	7	137	149	94	50	25	6		1
Culpeper	109	3	32	35	23	6	6	2		
Fauquier	207	3	63	64	44	19	11	2		1
Madison	27		7	11	4	2	2	1		
Orange	106	1	31	32	18	20	3	1		
Rappahannock	20		4	7	3	3				
District 10	958	14	245	347	182	99	56	13	2	
Albemarle	541	6	150	207	99	49	22	7	1	
Fluvanna	32	1	8	7	8	6	2			
Greene	40		10	18	8	2	2			
Louisa	69	2	17	22	11	9	7	1		
Nelson	63	4	10	15	15	12	5	1	1	
Charlottesville	213	1	50	78	41	21	18	4		
District 11	821	12	250	236	181	80	42	15	1	4
Amherst	117	6	39	28	20	16	4	3	1	
Appomattox	39		17	11	8	2	1			
Bedford	97		38	27	19	6	5	1		1
Campbell	123		37	32	33	9	10			2
Bedford City	20		2	11	5	2				
Lynchburg	425	6	117	127	96	45	22	11		1

(continued)

TABLE 32
RESIDENT INDUCED ABORTIONS BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986 (continued)

Planning District/ City or County	Total	Age of Mother								Unknown
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over	
STATE OF VIRGINIA	31,977	391	8,172	10,954	6,715	3,579	1,715	365	31	55
District 12	955	18	296	267	199	116	43	11	1	4
Franklin	117	1	32	36	23	14	9	1		1
Henry	274	5	92	78	62	32	3	1		1
Patrick	34		17	9	5				1	
Pittsylvania	299	9	86	84	59	36	16	8		1
Danville	150	3	36	38	36	23	13			1
Martinsville	81		33	22	14	11	1			
District 13	291	6	83	97	54	28	15	7		1
Brunswick	63		12	21	16	7	5	2		
Halifax	106	1	43	31	18	5	6	1		1
Necklenburg	89	3	17	38	15	11	2	3		
South Boston	33	2	11	7	5	5	2	1		
District 14	361	4	108	113	66	37	27	3	3	
Amelia	36	1	6	12	9	5	2	1		
Buckingham	36	2	7	13	6	5	3			
Charlotte	42		13	17	6	2	4			
Cumberland	34		11	12	7	2	2			
Lunenburg	50		18	11	8	5	6	1	1	
Nottoway	71	1	24	19	11	9	5	1	1	
Prince Edward	92		29	29	19	9	5		1	
District 15	5,550	83	1,365	1,807	1,237	662	322	64	4	6
Charles City Co.	40		9	18	7	4	2			
Chesterfield	1,058	5	355	281	205	122	73	14	1	2
Goochland	57		14	16	16	7	1	3		
Hanover	286	1	98	89	46	30	19	1	1	1
Henrico	1,644	24	384	548	364	206	97	19	1	1
New Kent	35	1	14	8	7	3	2			
Powhatan	63	1	14	22	15	4	5	2		
Richmond City	2,367	51	477	825	577	286	123	25	1	2
District 16	744	6	201	276	139	71	45	5		1
Caroline	125	1	38	40	24	11	10	1		
King George	62		16	21	20	2	2	1		
Spotsylvania	152	3	49	53	26	15	6			
Stafford	176	1	43	67	29	23	10	3		
Fredericksburg	229	1	55	95	40	20	17			1
District 17	188	4	49	55	50	20	8	2		
Lancaster	46	2	10	15	11	4	4			
Northumberland	41	1	7	11	15	4	2	1		
Richmond	37	1	16	13	4	3				
Westmoreland	64		16	16	20	9	2	1		
District 18	274	4	75	82	67	32	12	2		
Essex	52		13	12	16	9	2			
Gloucester	94	2	23	31	22	11	4	1		
King and Queen	28	2	4	12	3	5	2			
King William	57		20	14	16	4	2	1		
Mathews	17		7	6	2	1	1			
Middlesex	26		8	7	8	2				
District 19	923	17	244	313	183	112	46	5	1	2
Dinwiddie	50	1	17	19	6	5	1		1	
Greenville	38	2	8	12	8	2	6			
Prince George	104	4	24	40	20	11	5			
Surry	32		8	14	7	2	1			
Sussex	50	2	15	13	10	7	3			
Colonial Heights	103		29	27	24	18	4	1		
Emporia	19		6	4	4	2	1	2		
Hopewell	152	5	34	50	37	16	9	1		
Petersburg	375	3	103	134	67	49	16	1		2
District 20	6,255	84	1,553	2,258	1,324	688	306	37	3	2
Isle of Wight	94	3	30	29	19	8	3			
Southampton	38		14	11	6	5	2			
Chesapeake	762	13	242	245	144	81	35	2		
Franklin City	47	2	16	12	13	2	2			
Norfolk	1,959	31	415	815	389	213	83	10	1	2
Portsmouth	652	10	160	237	150	61	30	4		
Suffolk	199	5	52	66	45	18	13			
Virginia Beach	2,504	20	624	843	558	300	136	21	2	
District 21	2,599	37	656	1,019	524	240	94	26	2	1
James City Co.	50		12	18	12	5	3			
York	97	3	25	39	17	7	5	1		
Rampton	978	14	257	365	209	90	30	11	2	
Newport News	1,208	19	276	483	247	124	51	7		1
Poquoson	42		16	12	7	6	1			
Williamsburg	224	1	70	102	32	8	4	7		
District 22	116	3	34	35	24	12	6	1		1
Accomack	79	1	22	25	16	8	3	1		1
Northampton	37	2	12	10	8	4	1			
Unknown	16		3	3	6	1	2			1

NOTE: Some Abortions That Occurred In Other States For Residents Of Virginia Are Included For The First Time.

TABLE 33
RESIDENT NATURAL FETAL DEATHS, LENGTH OF GESTATION BY RACE BY CAUSE OF DEATH, VIRGINIA, 1986

Causes of Natural Fetal Deaths	Total			Length of Gestation								
				Less than 20 Weeks			20-27 Weeks			28 Weeks and Over		
	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh
ALL CAUSES	7,397	5,490	1,907	6,633	5,023	1,610	387	226	161	377	241	136
Causes and Conditions in Mother	1,239	894	345	1,135	840	295	64	32	32	40	22	18
Hypertensive disorders	46	23	23	8	5	3	15	3	12	23	15	8
Diseases or infections	10	7	3	5	5		4	2	2	1		1
Injuries	2	2								2	2	
Other conditions unrelated to pregnancy	32	12	20	20	8	12	6	2	4	6	2	4
Incompetent cervix	19	9	10	13	4	9	6	5	1			
Premature rupture of membranes	59	32	27	24	13	11	31	18	13	4	1	3
Ectopic pregnancy	756	532	224	756	532	224						
Hydatidiform mole	26	20	6	24	19	5	1	1		1		1
Blighted ovum	285	255	30	284	254	30	1	1				
Other complications	4	2	2	1		1				3	2	1
Complications of Placenta, Cord and Membranes	317	216	101	146	101	45	60	47	18	111	73	38
Placenta praevia	10	9	1	4	3	1	4	4		2	2	
Other placental separation and hemorrhage	151	98	53	94	64	30	22	14	8	35	20	15
Other abnormalities of placenta	36	23	13	14	9	5	8	5	3	14	9	5
Placental transfusion syndrome	4	4					2	2		2	2	
Prolapsed cord	10	6	4	2	1	1	5	4	1	3	1	2
Other compression of umbilical cord	52	36	16	11	7	4	6	2	4	35	27	8
Other conditions of umbilical cord	36	26	10	8	6	2	10	10		18	10	8
Abnormalities of membranes	18	14	4	13	11	2	3	1	2	2	2	
Conditions in Fetus	228	158	70	98	67	31	59	38	21	71	53	18
Immaturity	50	30	20	24	15	9	23	12	11	3	3	
Intrauterine hypoxia and birth asphyxia	59	47	12	45	34	11	2	2		12	11	1
Congenital anomalies	95	67	28	20	16	4	31	21	10	44	30	14
Other conditions in fetus	24	14	10	9	2	7	3	3		12	9	3
Spontaneous Abortion	4,397	3,382	1,015	4,340	3,349	991	51	28	23	6	5	1
Ill defined and unknown causes	1,216	840	376	914	666	248	153	86	67	149	88	61

TABLE 34 - NEONATAL DEATHS WITH RATES PER 1,000 LIVE BIRTHS BY RACE BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986

Planning District/ City or County	Number			Rate			Planning District/ City or County	Number			Rate		
	Total	White	Nonwh	Total	White	Nonwh		Total	White	Nonwh	Total	White	Nonwh
STATE OF VIRGINIA	645	374	271	7.4	5.8	11.9							
District 1	4	4		3.2	3.3	0.0	District 12	26	13	13	8.6	6.4	13.2
Lee	2	2		6.6	6.6	0.0	Franklin	3	2	1	6.4	5.2	12.2
Scott	1	1		3.7	3.7		Henry	5	2	3	6.9	3.8	14.8
Wise	1	1		1.6	1.7	0.0	Patrick	1	1		5.6	6.0	0.0
Norton				0.0	0.0	0.0	Pittsylvania	9	4	5	10.8	7.2	18.3
District 2	7	7		4.7	4.8	0.0	Danville	7	3	4	12.5	11.5	13.4
Buchanan	3	3		7.4	7.5	0.0	Martinsville	1	1		4.0	7.6	0.0
Dickenson	1	1		5.1	5.1	0.0	District 13	9	1	8	9.5	2.2	16.3
Russell	2	2		6.0	6.0		Brunswick	7	1	7	16.8	0.0	54.3
Tazewell	1	1		1.8	1.8	0.0	Halifax				0.0	0.0	0.0
District 3	17	16	1	8.6	8.3	17.9	Mecklenburg	2	1	1	5.7	6.1	5.3
Bland				0.0	0.0	0.0	South Boston				0.0	0.0	0.0
Carroll	2	2		8.0	8.1	0.0	District 14	9	6	3	8.3	10.1	6.1
Grayson	2	2		11.6	12.0	0.0	Amelia	1	1		7.6	11.9	0.0
Smyth				0.0	0.0	0.0	Buckingham				0.0	0.0	0.0
Washington	5	5		9.1	9.3	0.0	Charlotte	1		1	7.2	0.0	14.5
Wythe	3	2	1	10.0	7.0	71.4	Cumberland	3	1	2	28.3	16.1	45.5
Bristol	4	4		20.0	21.6	0.0	Lunenburg				0.0	0.0	0.0
Galax	1	1		5.3	13.2	0.0	Nottoway	1	1		5.5	9.9	0.0
District 4	5	5		3.1	3.3	0.0	Prince Edward	3	3		14.9	31.6	0.0
Floyd	1	1		7.6	7.9	0.0	District 15	103	47	56	10.0	7.1	15.0
Giles				0.0	0.0	0.0	Charles City Co.	3	3	3	33.3	0.0	42.9
Montgomery	2	2		2.7	2.9	0.0	Chesterfield	20	18	2	7.1	7.4	5.1
Pulaski	1	1		2.4	2.5	0.0	Goochland	1		1	6.1	0.0	20.8
Radford	1	1		7.1	7.9	0.0	Hanover	5	4	1	7.3	6.8	10.2
District 5	16	14	2	5.0	5.2	4.1	Henrico	24	17	7	8.7	8.1	10.3
Alleghany	1	1		6.7	6.8	0.0	New Kent				0.0	0.0	0.0
Botetourt	1	1		3.9	4.0	0.0	Powhatan	1	1		6.1	6.8	0.0
Craig				0.0	0.0		Richmond City	49	7	42	14.1	6.4	17.6
Roanoke	4	4		4.9	5.1	0.0	District 16	13	8	5	6.0	4.5	12.3
Clifton Forge				0.0	0.0	0.0	Caroline	2	1	1	7.1	6.1	8.6
Covington				0.0	0.0	0.0	King George				0.0	0.0	0.0
Roanoke City	8	6	2	5.3	5.5	4.8	Spotsylvania	3	3		4.3	4.9	0.0
Salem	2	2		7.5	7.8	0.0	Stafford	5	2	3	7.3	3.2	49.2
District 6	15	15		5.9	6.3	0.0	Fredericksburg	3	2	1	9.6	8.9	11.1
Augusta	6	6		10.3	10.6	0.0	District 17	2	1	1	3.6	3.2	4.1
Bath				0.0	0.0	0.0	Lancaster				0.0	0.0	0.0
Highland				0.0	0.0		Northumberland				0.0	0.0	0.0
Rockbridge	2	2		9.4	9.6	0.0	Richmond	1		1	10.4	0.0	24.4
Rockingham	2	2		2.7	2.8	0.0	Westmoreland	1	1		4.5	8.3	0.0
Buena Vista				0.0	0.0	0.0	District 18	3		3	3.2	0.0	12.6
Harrisonburg	1	1		3.9	4.3	0.0	Essex				0.0	0.0	0.0
Lexington	1	1		24.4	29.4	0.0	Gloucester	1		1	2.5	0.0	18.5
Staunton	1	1		3.7	4.5	0.0	King and Queen	2		2	24.7	0.0	55.6
Waynesboro	2	2		7.1	8.3	0.0	King William				0.0	0.0	0.0
District 7	10	10		5.2	5.5	0.0	Mathews				0.0	0.0	0.0
Clarke				0.0	0.0	0.0	Middlesex				0.0	0.0	0.0
Frederick	3	3		5.9	6.0	0.0	District 19	33	11	22	13.6	9.4	17.5
Page	1	1		4.2	4.4	0.0	Dinwiddie	4		4	15.9	0.0	42.1
Shenandoah	2	2		5.6	5.6	0.0	Greensville	1		1	6.9	0.0	10.5
Warren	2	2		5.5	6.0	0.0	Prince George	1	1		3.0	4.4	0.0
Winchester	2	2		6.5	7.2	0.0	Surry	1		1	10.0	0.0	15.2
District 8	128	94	34	6.2	5.6	9.0	Sussex	1		1	5.7	0.0	8.5
Arlington	19	13	6	7.7	7.0	10.0	Colonial Heights	2	2		10.2	11.6	0.0
Fairfax	52	35	17	4.8	3.9	9.4	Emporia	2		2	35.1	0.0	48.8
Loudoun	12	12		9.9	10.9	0.0	Hopewell	11	4	7	25.3	13.9	47.6
Prince William	28	23	5	8.6	8.2	11.0	Petersburg	10	4	6	13.6	23.3	10.7
Alexandria	11	7	4	6.4	6.7	6.0	District 20	147	66	81	8.4	5.7	13.6
Fairfax City	2	1	1	6.5	3.9	21.3	Isle of Wight	2		2	5.1	0.0	14.9
Falls Church	1		1	8.7	0.0	111.1	Southampton	1		1	5.7	0.0	10.5
Manassas	3	3		5.3	6.2	0.0	Chesapeake	15	9	6	6.4	5.7	7.9
Manassas Park				0.0	0.0	0.0	Franklin City	3	1	2	17.5	13.9	20.2
District 9	10	8	2	6.5	6.3	7.5	Norfolk	55	18	37	10.2	6.0	15.5
Culpeper	2	2		5.3	7.2	0.0	Portsmouth	20	7	13	10.4	7.5	13.2
Fauquier	4	3	1	5.9	5.1	12.2	Suffolk	8	3	5	10.2	9.0	11.1
Madison				0.0	0.0	0.0	Virginia Beach	43	28	15	6.8	5.3	14.4
Orange	4	3	1	15.7	14.6	20.8	District 21	53	27	26	8.0	6.4	10.8
Rappahannock				0.0	0.0	0.0	James City Co.	1		1	2.8	0.0	11.6
District 10	9	7	2	4.1	4.0	4.3	York	2	1	1	6.3	4.1	13.7
Albemarle	2	2		2.3	2.6	0.0	Hampton	20	12	8	8.4	8.1	8.8
Fluvanna	1		1	5.8	0.0	20.0	Newport News	29	13	16	9.0	6.6	12.8
Greene	1	1		6.3	6.8	0.0	Poquoson	1	1		9.2	9.3	0.0
Louisa	3	2	1	11.1	11.3	10.6	Williamsburg				0.0	0.0	0.0
Nelson	1	1		5.6	7.0	0.0	District 22	10	4	6	15.3	14.3	16.0
Charlottesville	1	1		1.8	2.6	0.0	Accomack	5	2	3	10.8	9.4	12.1
District 11	16	10	6	6.1	5.2	8.8	Northampton	5	2	3	25.8	29.9	23.6
Amherst	2	2		5.4	7.4	0.0							
Appomattox	1		1	7.1	0.0	25.6							
Bedford	3	2	1	5.7	4.4	14.9							
Campbell	2	1	1	3.2	2.0	8.6							
Bedford City				0.0	0.0	0.0							
Lynchburg	8	5	3	9.0	8.9	9.0							

TABLE 35 - INFANT DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE
PER 1,000 LIVE BIRTHS BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1986

Planning District/ City or County	DEATHS UNDER ONE YEAR								
	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
	Total	White	Nonwhite	Number			Rate		
				Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	901	514	387	958	565	393	11.0	8.8	17.3
District 1	8	8		13	13		10.6	10.7	0.0
Lee	1	1		4	4		13.1	13.2	0.0
Scott	1	1		2	2		7.5	7.5	
Wise	3	3		7	7		11.5	11.7	0.0
Norton	3	3					0.0	0.0	0.0
District 2	6	6		12	11	1	8.0	7.5	38.5
Buchanan	4	4		4	4		9.9	10.0	0.0
Dickenson				2	2		10.1	10.2	0.0
Russell	1	1		4	4		12.1	12.1	
Tazewell	1	1		2	1	1	3.6	1.8	47.6
District 3	12	12		23	22	1	11.6	11.4	17.9
Bland							0.0	0.0	0.0
Carroll				3	3		12.0	12.1	0.0
Grayson				2	2		11.6	12.0	0.0
Smyth	2	2		3	3		8.3	8.4	0.0
Washington	3	3		7	7		12.8	13.1	0.0
Wythe	2	2		3	2	1	10.0	7.0	71.4
Bristol	1	1		4	4		20.0	21.6	0.0
Galax	4	4		1	1		13.0	13.2	0.0
District 4	6	5	1	10	9	1	6.2	5.9	9.9
Floyd				1	1		7.6	7.9	0.0
Giles							0.0	0.0	0.0
Montgomery	2	2		5	5		6.7	7.2	0.0
Pulaski	2	1	1	3	2	1	7.1	5.0	38.5
Radford	2	2		1	1		7.1	7.9	0.0
District 5	30	24	6	25	22	3	7.8	8.2	6.1
Alleghany	1	1		1	1		6.7	6.8	0.0
Botetourt				1	1		3.9	4.0	0.0
Craig							0.0	0.0	
Roanoke				8	8		9.8	10.2	0.0
Clifton Forge							0.0	0.0	0.0
Covington							0.0	0.0	0.0
Roanoke City	27	21	6	12	9	3	8.0	8.3	7.2
Salem	2	2		3	3		11.2	11.7	0.0
District 6	15	15		26	26		10.2	10.9	0.0
Augusta				7	7		12.1	12.4	0.0
Bath							0.0	0.0	0.0
Highland				1	1		27.8	27.8	
Rockbridge				4	4		18.8	19.2	0.0
Rockingham				5	5		6.8	6.9	0.0
Buena Vista							0.0	0.0	0.0
Harrisonburg	6	6		4	4		15.6	17.3	0.0
Lexington	2	2		1	1		24.4	29.4	0.0
Staunton	5	5		2	2		7.4	9.0	0.0
Waynesboro	2	2		2	2		7.1	8.3	0.0
District 7	15	12	3	20	18	2	10.4	9.9	21.1
Clarke	1	1					0.0	0.0	0.0
Frederick				5	4	1	9.8	8.0	90.9
Page				1	1		4.2	4.4	0.0
Shenandoah	2	2		5	5		13.9	14.1	0.0
Warren	4	3	1	4	4		11.0	11.9	0.0
Winchester	8	6	2	5	4	1	16.3	14.4	35.7
District 8	133	94	39	182	138	44	8.9	8.2	11.6
Arlington	19	9	10	23	16	7	9.4	8.6	11.6
Fairfax	66	47	19	83	60	23	7.7	6.7	12.7
Loudoun	2	2		13	13		10.7	11.9	0.0
Prince William	10	9	1	37	31	6	11.4	11.1	13.2
Alexandria	25	17	8	19	13	6	11.0	12.4	9.0
Fairfax City	4	4		3	2	1	9.8	7.7	21.3
Falls Church				1		1	8.7	0.0	111.1
Manassas	7	6	1	3	3		5.3	6.2	0.0
Manassas Park							0.0	0.0	0.0
District 9	7	5	2	16	12	4	10.4	9.5	14.9
Culpeper	2	2		4	4		10.6	14.4	0.0
Fauquier	4	2	2	7	4	3	10.4	6.7	36.6
Madison							0.0	0.0	0.0
Orange	1	1		5	4	1	19.7	19.4	20.8
Rappahannock							0.0	0.0	0.0
District 10	67	51	16	23	16	7	10.4	9.2	15.0
Albemarle	63	48	15	7	6	1	8.1	7.8	9.6
Fluvanna				2	1	1	11.7	8.3	20.0
Greene				2	2		12.6	13.7	0.0
Louisa				5	2	3	18.5	11.3	31.9
Nelson	1		1	3	2	1	16.7	14.1	26.3
Charlottesville	3	3		4	3	1	7.2	7.8	5.9
District 11	23	12	11	23	15	8	8.8	7.8	11.8
Amherst				3	2	1	8.0	7.4	9.8
Appomattox				1		1	7.1	0.0	25.6
Bedford	1	1		4	3	1	7.6	6.6	14.9
Campbell	3	2	1	5	3	2	8.0	3.9	17.2
Bedford City	1		1				0.0	0.0	0.0
Lynchburg	18	9	9	10	7	3	11.2	12.5	9.0

(continued)

TABLE 35 - INFANT DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE
PER 1,000 LIVE BIRTHS BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1986 (continued)

Planning District/ City or County	PLACE OF OCCURRENCE			DEATHS UNDER ONE YEAR					
	Total	White	Nonwhite	PLACE OF RESIDENCE			Rate		
				Number			Total	White	Nonwhite
				Total	White	Nonwhite			
STATE OF VIRGINIA	901	514	387	958	565	393	11.0	8.8	17.3
District 12	12	6	6	35	19	16	11.6	9.4	16.2
Franklin	2		2	3	2	3	10.7	5.2	36.6
Henry	1		1	8	4	4	11.0	7.6	19.7
Patrick				1	1		5.6	6.0	0.0
Pittsylvania				11	6	5	13.2	10.8	18.3
Danville	5	2	3	7	3	4	12.5	11.5	13.4
Martinsville	4	4		3	3		12.0	22.9	0.0
District 13	5	2	3	15	3	12	15.9	6.6	24.4
Brunswick				7		7	36.8	0.0	54.3
Halifax				2		2	6.3	0.0	14.6
Hecklenburg	4	2	2	6	3	3	17.0	18.2	16.0
South Boston	1		1				0.0	0.0	0.0
District 14	6	2	4	20	9	11	18.4	15.1	22.3
Amelia				2	1	1	15.2	11.9	20.8
Buckingham	2		2	4	1	3	23.8	10.5	41.1
Charlotte	1		1	3		3	21.6	0.0	43.5
Cumberland				3	1	2	28.3	16.1	45.5
Lunenburg	1		1	1		1	6.3	0.0	14.1
Nottoway	2	2		3	3		16.4	29.7	0.0
Prince Edward				4	3	1	19.9	31.6	9.4
District 15	215	93	122	142	63	79	13.7	9.5	21.2
Charles City Co.				3		3	33.3	0.0	42.9
Chesterfield	1	1		27	22	5	9.5	9.0	12.7
Goochland				2		2	12.3	0.0	41.7
Hanover	1	1		7	6	1	10.2	10.2	10.2
Henrico	21	15	6	34	23	11	12.3	11.0	16.2
New Kent							0.0	0.0	0.0
Powhatan				1	1		6.1	6.8	0.0
Richmond City	192	76	116	68	11	57	19.6	10.1	23.9
District 16	8	6	2	18	11	7	8.2	6.2	17.2
Caroline				3	1	2	10.7	6.1	17.2
King George				2	2		10.1	13.5	0.0
Spotsylvania	1	1		3	3		4.3	4.9	0.0
Stafford	1	1		7	3	4	10.2	4.8	65.6
Fredericksburg	6	4	2	3	2	1	9.6	8.9	11.1
District 17	2	2		3	2	1	5.4	6.3	4.1
Lancaster							0.0	0.0	0.0
Northumberland							0.0	0.0	0.0
Richmond	1	1		2	1	1	20.8	18.2	24.4
Westmoreland	1	1		1	1		4.5	8.3	0.0
District 18	1	1		2	3	4	7.5	4.3	16.8
Essex							0.0	0.0	0.0
Gloucester	1	1		3	1	2	7.4	2.8	37.0
King and Queen				3	1	2	37.0	22.2	55.6
King William				1	1		6.9	10.8	0.0
Mathews							0.0	0.0	0.0
Middlesex							0.0	0.0	0.0
District 19	12	6	6	37	14	23	15.3	12.0	18.3
Dinwiddie				4		4	15.9	0.0	42.1
Greensville				1		1	6.9	0.0	10.5
Prince George	1	1		2	2		6.0	8.9	0.0
Surry				1		1	10.0	0.0	15.2
Sussex				1		1	5.7	0.0	8.5
Colonial Heights				3	3		15.3	17.4	0.0
Emporia	2		2	2		2	35.1	0.0	48.8
Hopewell	2	2		12	5	7	27.6	17.4	47.6
Petersburg	7	3	4	11	4	7	15.0	23.3	12.4
District 20	266	130	136	214	98	116	12.2	8.5	19.5
Isle of Wight	1	1		4	1	3	10.2	3.9	22.4
Southampton				2		2	11.4	0.0	21.1
Chesapeake	6	2	4	22	12	10	9.5	7.6	13.2
Franklin City	2		2	3	1	2	17.5	13.9	20.2
Norfolk	183	92	91	79	28	51	14.6	9.3	21.3
Portsmouth	48	22	26	26	9	17	13.5	9.7	17.2
Suffolk	7		7	12	3	9	15.3	9.0	20.0
Virginia Beach	19	13	6	66	44	22	10.5	8.4	21.1
District 21	46	21	25	83	37	46	12.5	8.8	19.1
James City Co.	2	2		4	2	2	11.2	7.4	23.3
York				3	1	2	9.4	4.1	27.4
Hampton	17	8	9	30	15	15	12.6	10.2	16.6
Newport News	26	11	15	43	18	25	13.4	9.2	20.0
Poquoson				1	1		9.2	9.3	0.0
Williamsburg	1		1	2		2	8.0	0.0	22.5
District 22	6	1	5	11	4	7	16.8	14.3	18.7
Accomack				5	2	3	10.9	9.4	12.1
Northampton	6	1	5	6	2	4	30.9	29.9	31.5

TABLE 36 - PERINATAL MORTALITY RATE WITH INFANT DEATHS UNDER ONE WEEK AND FETAL DEATHS 28 WEEKS AND OVER GESTATION, BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986

Planning District/ City or County	Infant Deaths Under One Week			Fetal Deaths 28 Weeks and Over			Perinatal Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	560	321	239	377	241	136	10.7	8.7	16.4
District 1	3	3		6	6		7.3	7.3	0.0
Lee	1	1		1	1		6.3	6.6	0.0
Scott	1	1		2	2		11.1	11.1	
Wise	1	1		3	3		6.6	6.6	0.0
Norton							0.0	0.0	0.0
District 2	6	6		4	4		6.7	6.8	0.0
Buchanan	2	2		1	1		7.4	7.4	0.0
Dickenson	1	1		2	2		15.0	15.1	0.0
Russell	2	2					6.0	6.0	
Tazewell	1	1		1	1		3.6	3.7	0.0
District 3	14	13	1	8	8		11.1	10.9	17.9
Bland							0.0	0.0	0.0
Carroll	2	2		2	2		15.8	16.1	0.0
Grayson	2	2		1	1		17.3	18.0	0.0
Smyth				3	3		8.3	8.3	0.0
Washington	4	4		2	2		10.9	11.2	0.0
Wythe	3	2	1				10.0	7.0	71.4
Bristol	3	3					15.0	16.2	0.0
Galax							0.0	0.0	0.0
District 4	5	5		4	4		5.5	5.9	0.0
Floyd	1	1					7.6	7.9	0.0
Giles				1	1		5.4	5.5	0.0
Montgomery	2	2		2	2		5.3	5.8	0.0
Pulaski	1	1		1	1		4.7	5.0	0.0
Radford	1	1					7.1	7.9	0.0
District 5	12	11	1	17	12	5	9.0	8.5	12.1
Alleghany				1	1		6.7	6.8	0.0
Botetourt	1	1				1	7.8	4.0	125.0
Craig							0.0	0.0	
Roanoke	3	3		4	3	1	8.5	7.6	28.6
Clifton Forge							0.0	0.0	0.0
Covington							0.0	0.0	0.0
Roanoke City	6	5	1	10	7	3	10.6	10.9	9.6
Salem	2	2		1	1		11.2	11.7	0.0
District 6	11	11		15	14	1	10.2	10.4	6.5
Augusta	3	3		3	3		13.7	14.1	0.0
Bath							0.0	0.0	0.0
Highland							0.0	0.0	0.0
Rockbridge	1	1		2	2		14.0	14.3	0.0
Rockingham	2	2		4	4		8.1	8.2	0.0
Buena Vista							0.0	0.0	0.0
Harrisonburg							0.0	0.0	0.0
Lexington	1	1					24.4	29.4	0.0
Staunton	1	1		4	3	1	18.3	17.8	20.8
Waynesboro	1	1		2	2		10.6	12.3	0.0
District 7	9	9		11	10	1	10.3	10.3	10.4
Clarke				1	1		6.9	7.6	0.0
Frederick	3	3		2	2		9.7	10.0	0.0
Page	1	1		3	3		16.5	17.3	0.0
Shenandoah	1	1		2	2		8.3	8.4	0.0
Warren	2	2		0			5.5	6.0	0.0
Winchester	2	2		3	2	1	16.2	14.3	34.5
District 8	113	84	29	75	63	12	9.1	8.7	10.8
Arlington	16	12	4	9	8	1	10.1	10.7	8.3
Fairfax	48	32	16	32	28	4	7.4	6.7	11.0
Loudoun	11	11		7	6	1	14.7	15.4	8.3
Prince William	23	19	4	10	9	1	10.1	10.0	11.0
Alexandria	10	7	3	11	6	5	12.1	12.3	11.9
Fairfax City	2	1	1	1	1		9.8	7.7	21.3
Falls Church	1		1				8.7	0.0	111.1
Manassas	2	2		5	5		12.3	14.3	0.0
Manassas Park							0.0	0.0	0.0
District 9	7	6	1	8	4	4	9.7	7.9	18.4
Culpeper	2	2		2	1	1	10.5	10.8	9.8
Fauquier	3	2	1	2		2	7.4	3.4	35.7
Madison				1		1	6.6	0.0	33.3
Orange	2	2		3	3		19.5	23.9	0.0
Rappahannock							0.0	0.0	0.0
District 10	6	4	2	5	2	3	5.0	3.5	10.6
Albemarle							0.0	0.0	0.0
Fluvanna	1		1				5.8	0.0	20.0
Greene							0.0	0.0	0.0
Louisa	3	2	1	2	2		18.3	22.3	10.6
Nelson	1	1					5.6	7.0	0.0
Charlottesville	1	1		3		3	7.2	2.6	17.4
District 11	12	7	5	7	4	3	7.3	5.7	11.7
Amherst	1	1		1		1	5.3	3.7	9.7
Appomattox	1		1				7.1	0.0	25.6
Bedford	2	1	1				3.8	2.2	14.9
Campbell	2	1	1	3	2	1	8.0	5.0	17.1
Bedford City				1	1		16.9	27.8	0.0
Lynchburg	6	4	2	2	1	1	9.0	8.9	9.0

(continued)

TABLE 36 - PERINATAL MORTALITY RATE WITH INFANT DEATHS UNDER ONE WEEK AND FETAL DEATHS 28 WEEKS AND OVER GESTATION, BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986 (continued)

Planning District/ City or County	Infant Deaths Under One Week			Fetal Deaths 28 Weeks and Over			Perinatal Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	560	321	239	377	241	136	10.7	8.7	16.4
District 12	23	12	11	20	15	5	14.2	13.2	16.1
Franklin	2	1	1	3	2	1	10.0	7.7	24.1
Henry	3	2	1	6	5	1	12.3	13.2	9.8
Patrick	1	1					5.6	6.0	0.0
Pittsylvania	9	4	5	6	5	1	17.9	16.0	21.9
Danville	7	3	4	4	3	1	19.5	22.6	16.7
Martinsville	1	1		1		1	8.0	7.6	8.3
District 13	9	1	8	6	2	4	15.8	6.6	24.2
Brunswick	7		7	3	1	2	51.8	16.1	68.7
Halifax				1		1	3.1	0.0	7.2
Mecklenburg	2	1	1	2	1	1	11.3	12.0	10.6
South Boston							0.0	0.0	0.0
District 14	7	4	3	6	3	3	11.9	11.7	12.1
Amelia							0.0	0.0	0.0
Buckingham				2		2	11.8	0.0	26.7
Charlotte	1		1	1	1		14.3	14.1	14.5
Cumberland	3	1	2	1	1		37.4	31.7	45.5
Lunenburg				1		1	6.2	0.0	13.9
Nottoway	1	1		1	1		10.9	19.6	0.0
Prince Edward	2	2					10.0	21.1	0.0
District 15	92	42	50	51	22	29	13.8	9.7	21.0
Charles City Co.	2		2				22.2	0.0	28.6
Chesterfield	17	16	1	10	7	3	9.5	9.4	10.1
Goochland	1		1				6.1	0.0	20.8
Hanover	3	4	1	4	3	1	13.1	11.9	20.2
Henrico	22	15	7	11	7	4	11.9	10.5	16.1
New Kent				1		1	6.5	0.0	25.0
Powhatan	1	1		1	1		12.0	13.6	0.0
Richmond City	44	6	38	24	4	20	19.4	9.2	24.1
District 16	12	7	5	9	6	3	9.6	7.3	19.6
Caroline	2	1	1	2	1	1	14.2	12.1	17.1
King George							0.0	0.0	0.0
Spotsylvania	2	2		2	1	1	5.7	4.9	11.2
Stafford	3	2	3	4	3	1	13.0	7.9	64.5
Fredericksburg	3	2	1	1	1		12.7	13.3	11.1
District 17	2	1	1	3	1	2	8.9	6.3	12.2
Lancaster							0.0	0.0	0.0
Northumberland							0.0	0.0	0.0
Richmond	1		1				10.4	0.0	24.4
Westmoreland	1	1		3	1	2	17.8	16.5	19.2
District 18	3		3	3	2	1	6.4	2.9	16.7
Essex							0.0	0.0	0.0
Gloucester	1		1	3	2	1	9.7	5.6	36.4
King and Queen	2		2				24.7	0.0	55.6
King William							0.0	0.0	0.0
Mathews							0.0	0.0	0.0
Middlesex							0.0	0.0	0.0
District 19	27	9	18	13	5	8	16.4	11.9	20.6
Dinwiddie	3		3	1	1		15.9	6.4	31.8
Greensville	1		1	1		1	13.7	0.0	20.8
Prince George	1	1					3.0	4.4	0.0
Surry	1		1				10.0	0.0	15.2
Sussex				3		3	16.9	0.0	25.0
Colonial Heights	2	2		2	2		20.2	23.0	0.0
Emporia	2		2	1		1	51.7	0.0	71.4
Hopewell	10	4	6	2	1	1	27.5	17.3	47.3
Petersburg	7	2	5	3	1	2	13.6	17.3	12.4
District 20	131	59	72	72	35	37	11.6	8.1	18.2
Isle of Wight	2		2				5.1	0.0	14.9
Southampton	1		1	2		2	16.9	0.0	30.9
Chesapeake	15	9	6	3	1	2	7.7	6.4	10.6
Franklin City	3	1	2				17.5	13.9	20.2
Norfolk	49	16	33	31	16	15	14.7	10.6	20.0
Portsmouth	17	6	11	11	2	9	14.5	8.6	20.1
Suffolk	8	3	5	5	2	3	16.5	14.9	17.6
Virginia Beach	36	24	12	20	14	6	8.8	7.2	17.2
District 21	46	23	23	31	17	14	11.6	9.4	15.3
James City Co.	1		1				2.8	0.0	11.6
York	2	1	1	1	1		9.1	8.1	13.7
Hampton	18	10	8	11	5	6	12.1	10.1	15.4
Newport News	24	11	13	18	10	8	13.0	10.7	16.7
Poquoson	1	1		1	1		18.2	18.3	0.0
Williamsburg							0.0	0.0	0.0
District 22	10	4	6	3	2	1	19.8	21.4	18.7
Accomack	3	2	3	2	1	1	13.2	14.1	16.1
Northampton	5	2	3	1	1		30.8	44.1	23.6

Perinatal Rate = $\frac{\text{Infant Deaths Under One Week \& Fetal Deaths 28 Weeks and Over}}{\text{Live Births \& Fetal Deaths 28 Weeks and Over}} \times 1,000$

TABLE 37
RESIDENT INFANT DEATHS BY RACE AND SEX BY CAUSE OF DEATH WITH RATES PER 100,000 LIVE BIRTHS
VIRGINIA, 1986

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Infant Deaths					Rates				
	Total	White Male	White Female	Nonwh Male	Nonwh Female	Total	White Male	White Female	Nonwh Male	Nonwh Female
STATE OF VIRGINIA	958	338	227	213	180	1,099.6	1,031.2	717.8	1,847.4	1,607.9
Certain intestinal infections (008-009)	3	2	1			3.4	6.1	3.2	0.0	0.0
Whooping cough (033)						0.0	0.0	0.0	0.0	0.0
Meningococcal infections (036)						0.0	0.0	0.0	0.0	0.0
Septicemia (038)	7	1	2	2	2	8.0	3.1	6.3	17.3	17.9
Viral diseases (045-079)	3		1	1	1	3.4	0.0	3.2	8.7	8.9
Congenital syphilis (090)						0.0	0.0	0.0	0.0	0.0
Other infectious and parasitic diseases (Residual of 001-139)	4	4				4.6	12.2	0.0	0.0	0.0
Malignant neoplasms (140-208)	3	2	1			3.4	6.1	3.2	0.0	0.0
Benign neoplasms and neoplasms of unspecified nature (210-239)						0.0	0.0	0.0	0.0	0.0
Diseases of thymus gland (254)						0.0	0.0	0.0	0.0	0.0
Cystic fibrosis (277.0)						0.0	0.0	0.0	0.0	0.0
Diseases of blood and blood-forming organs (280-289)						0.0	0.0	0.0	0.0	0.0
Meningitis (320-322)	6	1	2	2	1	6.9	3.1	6.3	17.3	8.9
Other diseases of nervous system and sense organs (323-389)	6	2	3		1	6.9	6.1	9.5	0.0	8.9
Acute upper respiratory infections (460-465)	2	2				2.3	6.1	0.0	0.0	0.0
Bronchitis and bronchiolitis (466,490-491)	4	3			1	4.6	9.2	0.0	0.0	8.9
Pneumonia and Influenza (480-487)	9	4	1	2	2	10.3	12.2	3.2	17.3	17.9
Pneumonia (480-486)	9	4	1	2	2	10.3	12.2	3.2	17.3	17.9
Influenza (487)						0.0	0.0	0.0	0.0	0.0
Other diseases of respiratory system (470-478,492-519)	13	4	2	5	2	14.9	12.2	6.3	43.4	17.9
Hernia and intestinal obstruction (550-553,560)	6	4		2		6.9	12.2	0.0	17.3	0.0
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	2	2				2.3	6.1	0.0	0.0	0.0
Other diseases of digestive system (520-534,536-543,562-579)	3	1		1	1	3.4	3.1	0.0	8.7	8.9
Congenital Anomalies (740-759)	165	73	41	31	20	189.4	222.7	129.7	268.9	178.7
Anencephalus (740)	13	7	1	1	4	14.9	21.4	3.2	8.7	35.7
Spina bifida (741)	3	2	1			3.4	6.1	3.2	0.0	0.0
Congenital hydrocephalus (742.3)	1	1				1.1	3.1	0.0	0.0	0.0
Other anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	6	4	1	1		6.9	12.2	3.2	8.7	0.0
Anomalies of heart (745-746)	54	22	14	12	6	62.0	67.1	44.3	104.1	53.6
Other anomalies of circulatory system (747)	15	5	4	4	2	17.2	15.3	12.6	34.7	17.9
Anomalies of respiratory system (748)	18	8	3	6	1	20.7	24.4	9.5	52.0	8.9
Anomalies of digestive system (749-751)	1				1	1.1	0.0	0.0	0.0	8.9
Anomalies of genitourinary system (752-753)	11	8	2	1		12.6	24.4	6.3	8.7	0.0
Anomalies of musculoskeletal system (754-756)	9	5	3	1		10.3	15.3	9.5	8.7	0.0
Down's syndrome (758.0)	1		1			1.1	0.0	3.2	0.0	0.0
Other chromosomal anomalies (758.1-758.9)	19	7	6	5	1	21.8	21.4	19.0	43.4	8.9
Other and unspecified anomalies (744,757,759)	14	4	5		5	16.1	12.2	15.8	0.0	44.7

(continued)

TABLE 37
RESIDENT INFANT DEATHS BY RACE AND SEX BY CAUSE OF DEATH WITH RATES PER 100,000 LIVE BIRTHS
VIRGINIA, 1986

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Infant Deaths					Rates				
	Total	White Male	White Female	Nonwh Male	Nonwh Female	Total	White Male	White Female	Nonwh Male	Nonwh Female
STATE OF VIRGINIA	958	338	227	213	180	1,099.6	1,031.2	717.8	1,847.4	1,607.9
Certain Conditions Originating in the Perinatal Period (760-779)	497	153	116	119	109	570.4	466.8	366.8	1,032.1	973.6
Maternal conditions unrelated to present pregnancy (760)	2			1	1	2.3	0.0	0.0	8.7	8.9
Maternal complications of pregnancy (761)	42	14	12	9	7	48.2	42.7	37.9	78.1	62.5
Complications of placenta, cord, and membranes (762)	23	7	5	4	7	26.4	21.4	15.8	34.7	62.5
Other complications of labor and delivery (763)	1	1				1.1	3.1	0.0	0.0	0.0
Slow fetal growth and fetal malnutrition (764)	3		1		2	3.4	0.0	3.2	0.0	17.9
Disorders relating to short gestation and low birth weight (765)	117	31	25	33	28	134.3	94.6	79.1	286.2	250.1
Disorders relating to long gestation and high birth weight (766)						0.0	0.0	0.0	0.0	0.0
Birth trauma (767)	5	2	1	1	1	5.7	6.1	3.2	8.7	8.9
Intrauterine Hypoxia and Birth Asphyxia (768)	21	9	5	4	3	24.1	27.5	15.8	34.7	26.8
Fetal distress in liveborn infant (768.2-768.4)	2	1	1			2.3	3.1	3.2	0.0	0.0
Birth asphyxia (768.5-768.9)	19	8	4	4	3	21.8	24.4	12.6	34.7	26.8
Respiratory distress syndrome (769)	66	29	17	13	7	75.8	88.5	53.8	112.7	62.5
Other respiratory conditions (770)	109	34	26	21	28	125.1	103.7	82.2	182.1	250.1
Infections specific to perinatal period (771)	23	8	8	5	2	26.4	24.4	25.3	43.4	17.9
Neonatal hemorrhage (772)	2	1		1		2.3	3.1	0.0	8.7	0.0
Hemolytic disease due to isoimmunization and other perinatal jaundice (773-774)						0.0	0.0	0.0	0.0	0.0
Syndrome of "infant of diabetic mother" and neonatal diabetes mellitus (775.0-775.1)						0.0	0.0	0.0	0.0	0.0
Hemorrhagic disease (776.0)						0.0	0.0	0.0	0.0	0.0
Other conditions originating in perinatal period (775.2-775.9, 776.1-779)	83	17	16	27	23	95.3	51.9	50.6	234.2	205.4
Symptoms and Ill-defined Conditions (780-799)	133	50	36	23	24	152.7	152.5	113.8	199.5	214.4
Sudden infant death syndrome (798.0)	124	47	33	21	23	142.3	143.4	104.4	182.1	205.4
Symptoms and all ill-defined conditions (780-797, 798.1-799)	9	3	3	2	1	10.3	9.2	9.5	17.3	8.9
Accidents (E800-E949)	16	4	6	4	2	18.4	12.2	19.0	34.7	17.9
Motor vehicle (E810-E825)	4	1		3		4.6	3.1	0.0	26.0	0.0
Inhalation or ingestion of food or object (E911-E912)	4	1	3			4.6	3.1	9.5	0.0	0.0
Mechanical suffocation (E913)	4	1	2		1	4.6	3.1	6.3	0.0	8.9
Other accidents (Residual of E800-E949)	4	1	1	1	1	4.6	3.1	3.2	8.7	8.9
Homicide (E960-E969)	12	1	4	5	2	13.8	3.1	12.6	43.4	17.9
Child battering and other maltreatment (E967)	10		4	5	1	11.5	0.0	12.6	43.4	8.9
Other homicide (E960-E966, E968-E969)	2	1				2.3	3.1	0.0	0.0	8.9
All other causes	64	25	11	16	12	73.5	76.3	34.8	138.8	107.2

TABLE 38
RESIDENT INFANT DEATHS BY AGE AND CAUSE OF DEATH
VIRGINIA, 1986

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Total Under 1 Year	Under 1 Day	1-6 Days	7-13 Days	14-20 Days	21-27 Days	Total Under 28 Days	1 Mo.	2 Mos.	3-5 Mos.	6-8 Mos.	9-11 Mos.
STATE OF VIRGINIA	958	415	145	32	26	27	645	77	69	115	34	18
Certain intestinal infections (008-009)	3		1				1	1	1			
Whooping cough (033)												
Meningococcal infections (036)												
Septicemia (038)	7							3		3	1	
Viral diseases (045-079)	3		1		1		2		1			
Congenital syphilis (090)												
Other infectious and parasitic diseases (Residual of 001-139)	4							2		1	1	
Malignant neoplasms (140-208)	3									1	1	1
Benign neoplasms and neoplasms of unspecified nature (210-239)												
Diseases of thymus gland (254)												
Cystic fibrosis (277.0)												
Diseases of blood and blood-forming organs (280-289)												
Meningitis (320-322)	6			1		1	2	1		3		
Other diseases of nervous system and sense organs (323-389)	6								1	4	1	
Acute upper respiratory infections (460-465)	2								1	1		
Bronchitis and bronchiolitis (466,490-491)	4								2	2		
Pneumonia and Influenza (480-487)	9				1		1	4	1	3		
Pneumonia (480-486)	9				1		1	4	1	3		
Influenza (487)												
Other diseases of respiratory system (470-478,492-519)	13		1				1	4	1	4	3	
Hernia and intestinal obstruction (550-553,560)	6	3					3	1	2			
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	2				1		1		1			
Other diseases of digestive system (520-534,536-543,562-579)	3		1				1			1		1
Congenital Anomalies (740-759)	165	57	43	11	4	6	121	11	7	17	4	5
Anencephalus (740)	13	10	2		1		13					
Spina bifida (741)	3	1	1				2		1			
Congenital hydrocephalus (742.3)	1		1				1					
Other anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	6	2	2	1		1	6					
Anomalies of heart (745-746)	54	4	15	4	3	2	28	6	4	11	2	3
Other anomalies of circulatory system (747)	15	1	7	1		1	10		1	3		1
Anomalies of respiratory system (748)	18	15	3				18					
Anomalies of digestive system (749-751)	1											
Anomalies of genitourinary system (752-753)	11	7	3	1			11				1	
Anomalies of musculoskeletal system (754-756)	9	7	1				8			1		
Down's syndrome (758.0)	1	1					1					
Other chromosomal anomalies (758.1-758.9)	19	4	7	3		2	16	3				
Other and unspecified anomalies (744,757,759)	14	5	1	1			7	2	1	2	1	1

(continued)

TABLE 38
RESIDENT INFANT DEATHS BY AGE AND CAUSE OF DEATH
VIRGINIA, 1986 (continued)

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Total Under 1 Year	Under 1 Day	1-6 Days	7-13 Days	14-20 Days	21-27 Days	Total Under 28 Days	1 Mo.	2 Mos.	3-5 Mos.	6-8 Mos.	9-11 Mos.
STATE OF VIRGINIA	958	415	145	32	26	27	645	77	69	115	34	18
Certain Conditions Originating in the Perinatal Period (760-779)	497	346	90	15	14	11	476	8	1	8	3	1
Maternal conditions unrelated to present pregnancy (760)	2	2					2					
Maternal complications of pregnancy (761)	42	41			1		42					
Complications of placenta, cord, and membranes (762)	23	22			1		23					
Other complications of labor and delivery (763)	1	1					1					
Slow fetal growth and fetal malnutrition (764)	3	2					2	1				
Disorders relating to short gestation and low birth weight (765)	117	110	2	1			113	3			1	
Disorders relating to long gestation and high birth weight (766)												
Birth trauma (767)	5	1	2	1	1		5					
Intrauterine Hypoxia and Birth Asphyxia (768)	21	11	9	1			21					
Fetal distress in liveborn infant (768.2-768.4)	2	2	2				2					
Birth asphyxia (768.5-768.9)	19	11	7	1			19					
Respiratory distress syndrome (769)	66	19	40	3		2	64	1		1		
Other respiratory conditions (770)	109	65	22	4	3	3	97	2		7	2	1
Infections specific to perinatal period (771)	23	11	3	2	3	3	22		1			
Neonatal hemorrhage (772)	2			1		1	2					
Hemolytic disease due to isoimmunization and other perinatal jaundice (773-774)												
Syndrome of "infant of diabetic mother" and neonatal diabetes mellitus (775.0-775.1)												
Hemorrhagic disease (776.0)							3					
Other conditions originating in perinatal period (775.2-775.9, 776.1-779)	3	1	12	2	5	2	82	1				
Symptoms and Ill-defined Conditions (780-799)	133	5			2	4	11	30	39	48	5	2
Sudden infant death syndrome (798.0)	124				2	4	6	30	37	44	5	2
Symptoms and all ill-defined conditions (780-797, 798.1-799)	9	5					5		2	2		
Accidents (E800-E949)	16							3	2	4	4	3
Motor vehicle (E810-E825)	4							1		1	2	
Inhalation or ingestion of food or object (E911-E912)	4								1	2	1	
Mechanical suffocation (E913)	4							1	1	1		1
Other accidents (Residual of E800-E949)	4							1			1	2
Homicide (E960-E969)	12			1			1	2	3	2	3	1
Child battering and other maltreatment (E967)	10			1			1	1	2	2	3	1
Other homicide (E960-E966, E968-E969)	2							1	1			
All other causes	64	4	8	4	3	5	24	7	6	15	8	4

TABLE 39 - DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1986

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
	Total	White	Nonwhite	Number			Rate		
				Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	45,734	35,296	10,438	46,476	36,039	10,417	8.0	7.9	8.4
District 1	794	776	18	1,135	1,114	21	10.8	10.7	12.3
Lee	164	163	1	270	269	1	9.7	9.8	6.1
Scott	98	97	1	329	328	1	12.8	12.8	5.4
Wise	302	291	11	480	463	17	10.2	10.1	16.2
Norton	230	225	5	36	34	2	11.4	11.7	6.6
District 2	841	828	13	1,177	1,156	21	8.0	8.0	9.5
Buchanan	214	214		275	275		7.0	7.0	0.0
Dickenson	60	56	4	154	149	5	7.3	7.1	35.0
Russell	175	172	3	278	274	4	8.3	8.2	11.4
Tazewell	392	386	6	470	458	12	8.9	8.9	7.8
District 3	1,544	1,499	45	1,906	1,846	60	10.2	10.1	11.5
Bland	14	14		59	59		8.7	9.0	0.0
Carroll	70	70		261	260	1	9.2	9.2	6.7
Grayson	57	54	3	173	163	10	10.2	9.9	16.8
Smyth	365	358	7	365	361	4	10.7	10.8	5.8
Washington	378	367	11	413	404	9	8.4	8.4	9.6
Wythe	261	250	11	289	273	16	10.9	10.7	15.9
Bristol	105	99	6	252	236	16	13.5	13.6	12.9
Galax	294	287	7	94	90	4	13.5	13.7	11.4
District 4	916	860	56	1,097	1,028	69	7.4	7.3	10.4
Floyd	42	42		125	122	3	10.2	10.3	8.2
Giles	136	131	5	175	169	6	9.6	9.5	14.5
Montgomery	282	269	13	357	336	21	5.3	5.2	7.8
Pulaski	232	213	19	340	312	28	9.4	9.1	13.6
Radford	224	205	19	100	89	11	7.2	6.9	10.4
District 5	3,464	3,014	450	2,694	2,335	359	10.4	10.2	11.4
Alleghany	256	230	26	137	131	6	9.4	9.2	14.3
Botetourt	72	59	13	198	183	15	8.0	7.6	17.1
Craig	12	12		36	36		8.5	8.5	0.0
Roanoke	380	348	32	678	652	26	8.7	8.6	12.2
Clifton Forge	64	57	7	97	82	15	18.8	19.1	17.3
Covington	25	20	5	90	73	17	11.1	10.6	13.8
Roanoke City	1,658	1,408	250	1,212	944	268	12.1	12.5	10.8
Salem	997	880	117	246	234	12	10.0	10.0	10.4
District 6	1,900	1,786	114	1,953	1,822	131	8.9	8.8	12.1
Augusta	119	110	9	438	407	31	8.3	8.2	15.0
Bath	34	32	2	61	55	6	10.8	10.7	11.6
Highland	8	8		26	26		8.4	8.4	0.0
Rockbridge	55	54	1	149	142	7	8.1	7.9	13.3
Rockingham	199	196	3	480	470	10	8.6	8.6	9.2
Buena Vista	16	15	1	67	62	5	9.6	9.3	17.0
Harrisonburg	617	595	22	210	201	9	7.8	7.7	7.9
Lexington	121	110	11	60	51	9	8.6	8.2	12.0
Staunton	395	360	35	275	233	42	11.1	10.6	15.2
Waynesboro	336	306	30	187	175	12	10.0	10.3	7.1
District 7	1,410	1,329	81	1,445	1,360	85	10.1	9.9	13.3
Clarke	57	54	3	115	95	20	10.9	10.1	18.0
Frederick	71	71		265	259	6	6.9	6.9	9.6
Page	111	105	6	201	194	7	9.8	9.7	11.9
Shenandoah	310	305	5	369	362	7	12.5	12.4	14.7
Warren	190	178	12	229	213	16	9.8	9.7	11.3
Winchester	671	616	55	266	237	29	12.6	12.6	13.3
District 8	5,936	5,242	694	6,406	5,700	706	5.2	5.5	3.5
Arlington	1,514	1,313	199	1,182	1,059	123	7.6	8.8	3.6
Fairfax	2,255	2,066	189	3,037	2,785	252	4.5	4.8	2.6
Loudoun	346	305	41	404	349	55	6.1	5.8	8.8
Prince William	330	287	43	596	525	71	3.4	3.4	3.5
Alexandria	852	692	160	835	659	176	7.8	9.2	4.9
Fairfax City	315	287	28	146	133	13	7.0	7.0	7.1
Falls Church	20	20		65	63	2	6.7	7.2	2.1
Manassas	302	268	34	106	94	12	5.5	5.5	5.6
Manassas Park	2	2		35	33	2	5.0	5.1	3.8
District 9	717	582	135	981	791	190	9.6	9.2	11.2
Culpeper	251	207	44	264	211	53	10.9	11.0	10.5
Fauquier	296	237	59	302	233	69	7.3	6.5	11.6
Madison	55	45	10	96	74	22	8.9	8.3	11.4
Orange	88	73	15	241	205	36	12.2	12.6	10.2
Rappahannock	27	20	7	78	68	10	12.5	12.0	17.1
District 10	1,744	1,353	391	1,266	968	298	8.1	7.5	10.5
Albemarle	1,035	777	258	368	303	65	5.8	5.4	8.5
Fluvanna	30	21	9	91	63	28	8.2	7.9	8.8
Greene	24	23	1	59	56	3	6.6	6.8	4.5
Louisa	77	53	24	198	123	75	10.2	9.2	12.4
Nelson	74	58	16	139	108	31	11.2	10.9	12.4
Charlottesville	504	421	83	411	315	96	10.0	9.6	11.4
District 11	1,844	1,472	372	1,883	1,506	377	9.1	9.0	9.6
Amherst	108	87	21	241	192	49	8.1	8.1	7.9
Appomattox	46	32	14	110	79	31	8.6	8.0	10.6
Bedford	119	107	12	321	287	34	7.9	7.8	9.1
Campbell	128	94	34	356	284	72	7.3	6.8	10.3
Bedford City	164	139	25	93	77	16	14.6	15.2	12.1
Lynchburg	1,279	1,013	266	762	587	175	11.0	11.5	9.7

(continued)

TABLE 39 - DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION
BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1986 (continued)

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
	Total	White	Nonwhite	Number			Rate		
				Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	45,734	35,296	10,438	46,476	36,059	10,417	8.0	7.9	8.4
District 12	2,134	1,634	500	2,418	1,863	555	9.8	10.1	9.1
Franklin	204	176	28	306	266	40	8.0	7.9	8.6
Henry	77	67	10	496	399	97	8.6	9.0	7.0
Patrick	107	98	9	173	159	14	9.6	9.5	9.7
Pittsylvania	181	122	59	584	421	163	8.6	8.7	8.5
Danville	997	733	264	627	458	169	13.9	15.4	11.0
Martinsville	568	438	130	232	160	72	12.3	12.7	11.4
District 13	787	493	294	966	581	385	11.5	12.1	10.7
Brunswick	67	26	41	191	77	114	11.9	11.3	12.3
Halifax	104	70	34	326	211	115	10.6	11.4	9.5
Mecklenburg	317	187	130	366	230	136	12.3	12.6	11.8
South Boston	299	210	89	83	63	20	11.3	14.1	6.9
District 14	603	355	248	990	567	423	11.5	10.7	12.7
Amelia	38	20	18	91	47	44	10.2	8.0	14.6
Buckingham	57	35	22	142	83	59	11.6	11.8	11.2
Charlotte	39	20	19	137	84	53	11.7	11.2	12.5
Cumberland	23	10	13	81	31	50	9.7	6.5	14.1
Lunenburg	36	30	6	148	86	62	12.1	11.1	13.8
Nottoway	138	89	49	227	145	82	15.2	16.3	13.6
Prince Edward	252	151	101	164	91	73	9.3	8.3	10.9
District 15	7,040	4,858	2,182	5,978	4,178	1,800	8.6	8.5	8.9
Charles City Co.	19	3	16	65	12	53	9.5	8.8	9.7
Chesterfield	534	463	71	802	700	102	4.5	4.4	5.7
Goochland	49	28	21	108	65	43	8.3	7.4	10.3
Hanover	153	131	22	430	363	67	7.6	7.3	10.2
Henrico	1,983	1,681	302	1,792	1,581	211	9.1	10.0	5.4
New Kent	32	24	8	74	47	27	7.0	5.8	11.2
Powhatan	37	26	11	92	64	28	6.2	5.6	8.4
Richmond City	4,233	2,502	1,731	2,615	1,346	1,269	12.1	14.4	10.4
District 16	890	699	191	967	740	227	6.8	6.3	9.3
Caroline	61	33	28	172	96	76	8.8	8.5	9.2
King George	51	40	11	98	76	22	8.2	8.3	7.9
Spotsylvania	104	86	18	253	205	48	6.2	5.8	8.7
Stafford	103	92	11	257	227	30	5.1	4.9	7.9
Fredericksburg	571	448	123	187	136	51	9.5	8.7	12.6
District 17	428	319	109	574	404	170	13.3	14.1	11.8
Lancaster	231	175	56	172	119	53	15.3	15.6	14.6
Northumberland	59	43	16	153	111	42	15.0	16.2	12.7
Richmond	79	61	18	78	58	20	10.8	11.3	9.5
Westmoreland	59	40	19	171	116	55	11.9	12.8	10.3
District 18	554	387	167	740	513	227	10.7	9.9	13.0
Essex	133	97	36	100	68	32	10.8	12.6	8.5
Gloucester	271	208	63	232	176	56	8.9	7.8	16.1
King and Queen	18	9	9	79	39	40	12.3	11.1	13.7
King William	40	20	20	94	54	40	9.1	8.0	11.2
Mathews	20	18	2	121	95	26	13.6	12.6	18.5
Middlesex	52	35	17	114	81	33	13.4	13.0	14.4
District 19	1,475	865	610	1,537	921	616	9.4	9.9	8.8
Dinwiddie	85	49	36	190	106	84	8.7	7.8	10.2
Greensville	26	8	18	87	41	46	8.0	8.9	7.4
Prince George	78	59	19	140	92	48	5.1	5.1	5.0
Surry	23	10	13	72	35	37	11.5	14.0	9.8
Sussex	33	14	19	127	53	74	12.3	12.1	12.5
Colonial Heights	64	61	3	144	137	7	8.4	8.1	25.5
Emporia	210	91	119	74	41	33	15.7	15.1	16.5
Hopewell	300	223	77	264	216	48	10.9	11.6	8.5
Petersburg	656	350	306	439	200	239	11.0	16.8	8.5
District 20	7,247	4,708	2,539	7,078	4,521	2,557	7.5	7.0	8.6
Isle of Wight	66	45	21	191	110	81	8.2	7.5	9.4
Southampton	56	25	31	218	113	105	11.9	11.6	12.2
Chesapeake	179	99	80	991	693	298	7.5	7.5	7.6
Franklin City	758	566	192	95	46	49	11.9	12.8	11.2
Norfolk	3,073	1,830	1,243	2,310	1,306	1,004	8.5	8.3	8.8
Portsmouth	1,357	804	553	1,105	592	513	10.0	10.5	9.5
Suffolk	475	238	237	539	267	272	10.3	9.5	11.2
Virginia Beach	1,283	1,101	182	1,629	1,394	235	5.1	5.0	5.4
District 21	2,955	1,917	1,038	2,676	1,758	918	7.2	7.0	7.5
James City Co.	93	70	23	163	116	47	5.9	5.8	6.4
York	34	22	12	180	130	50	4.4	4.0	6.4
Hampton	1,051	596	455	930	621	309	7.4	8.1	6.2
Newport News	1,559	1,078	481	1,259	766	493	8.0	7.5	8.9
Poquoson	8	8	0	60	60	0	5.7	5.8	0.0
Williamsburg	210	143	67	84	65	19	7.7	6.9	12.6
District 22	511	320	191	609	387	222	13.0	14.2	11.5
Accomack	173	128	45	430	300	130	13.3	13.1	10.7
Northampton	336	192	144	179	87	92	12.1	11.6	12.7

TABLE 40
RESIDENT DEATHS FROM IMPORTANT CAUSES WITH RATES PER 100,000 POPULATION BY RACE, VIRGINIA, 1977-1986

YEAR	TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
TUBERCULOSIS, ALL FORMS (010-019) 010-018							HYPERTENSION (400-401,403) 401,403					
1977	71	1.4	35	0.8	36	3.8	109	2.1	65	1.6	44	4.6
1978	60	1.2	30	0.7	30	3.0	110	2.1	70	1.7	40	4.0
1979	44	0.8	18	0.4	26	2.3	140	2.7	87	2.1	53	4.8
1980	48	0.9	20	0.5	28	2.5	156	2.9	88	2.1	68	6.1
1981	42	0.8	24	0.6	18	1.6	174	3.2	107	2.5	67	5.9
1982	38	0.7	25	0.6	13	1.1	158	2.9	99	2.3	59	5.1
1983	32	0.6	18	0.4	14	1.2	152	2.8	93	2.1	59	5.0
1984	30	0.5	16	0.4	14	1.2	154	2.8	85	1.9	69	5.7
1985	33	0.6	15	0.3	18	1.5	136	2.4	84	1.9	52	4.2
1986	49	0.8	26	0.6	23	1.8	175	3.0	107	2.3	68	5.5
SEPTICEMIA (038) 038							CEREBROVASCULAR DISEASE (430-438) 430-438					
1977	207	4.0	136	3.3	71	7.5	3,852	75.0	2,871	68.6	981	103.2
1978	277	5.4	181	4.4	96	9.6	3,746	72.8	2,846	68.5	900	90.4
1979	269	5.1	181	4.4	88	7.9	3,715	70.6	2,775	66.8	940	84.9
1980	319	6.0	215	5.1	104	9.3	3,750	70.1	2,837	67.1	913	81.8
1981	363	6.7	259	6.0	104	9.2	3,819	70.3	2,940	68.4	879	77.5
1982	347	6.4	248	5.8	99	8.5	3,461	63.4	2,648	61.5	813	70.2
1983	376	6.8	249	5.7	127	10.8	3,486	63.1	2,639	60.7	847	71.7
1984	475	8.5	320	7.3	155	12.9	3,474	62.1	2,683	61.1	791	65.7
1985	470	8.2	318	7.1	152	12.4	3,510	61.3	2,714	60.3	796	65.1
1986	533	9.2	370	8.1	163	13.1	3,552	61.2	2,684	58.9	868	69.8
MALIGNANT NEOPLASMS (140-209) 140-208							ATHEROSCLEROSIS (440) 440					
1977	7,962	155.1	6,187	147.9	1,775	186.7	611	11.9	501	12.0	110	11.6
1978	8,117	157.7	6,292	151.5	1,825	183.3	563	10.9	459	11.1	104	10.4
1979	8,628	164.0	6,799	163.7	1,829	165.2	574	10.9	470	11.3	104	9.4
1980	9,139	170.9	7,144	168.9	1,995	178.7	579	10.8	475	11.2	104	9.3
1981	9,090	167.4	7,147	166.4	1,943	171.3	537	9.9	454	10.6	83	7.3
1982	9,555	174.9	7,451	173.1	2,104	181.6	571	10.5	473	11.0	98	8.5
1983	9,947	180.0	7,788	179.2	2,159	182.9	578	10.5	470	10.8	108	9.1
1984	10,016	178.9	7,820	178.0	2,196	182.3	568	10.1	463	10.5	105	8.7
1985	10,455	182.6	8,217	182.5	2,238	182.9	477	8.3	409	9.1	68	5.6
1986	10,825	186.6	8,449	185.5	2,376	190.9	529	9.1	443	9.7	86	6.9
DIABETES MELLITUS (250) 250							OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES (441-448) 441-448					
1977	632	12.3	436	10.4	196	20.6	509	9.9	430	10.3	79	8.3
1978	629	12.2	401	9.7	228	22.9	566	11.0	468	11.3	98	9.8
1979	597	11.4	389	9.4	208	18.8	411	7.8	355	8.5	56	5.1
1980	691	12.9	456	10.8	235	21.0	394	7.4	326	7.7	68	6.1
1981	633	11.7	409	9.5	224	19.8	417	7.7	348	8.1	69	6.1
1982	624	11.4	442	10.3	182	15.7	368	6.7	308	7.2	60	5.2
1983	668	12.1	437	10.1	231	19.6	448	8.1	383	8.8	65	5.5
1984	634	11.3	401	9.1	233	19.3	460	8.2	385	8.8	75	6.2
1985	626	10.9	435	9.7	191	15.6	432	7.5	373	8.3	59	4.8
1986	703	12.1	464	10.2	239	19.2	437	7.5	368	8.1	69	5.5
DISEASES OF HEART (390-398,402,404,410-429) 390-398,402,404-429							PNEUMONIA AND INFLUENZA (470-474,480-486) 480-487					
1977	14,460	281.6	11,573	276.6	2,887	303.7	1,121	21.8	865	20.7	256	26.9
1978	15,275	296.7	12,270	295.5	3,005	301.9	1,292	25.1	1,039	25.0	253	25.4
1979	15,366	292.2	12,297	296.2	3,069	277.2	1,025	19.5	793	19.1	232	21.0
1980	15,733	294.3	12,510	295.8	3,223	288.7	1,149	21.5	901	21.3	248	22.2
1981	15,442	284.4	12,370	288.0	3,072	270.9	1,252	23.1	1,016	23.7	236	20.8
1982	15,490	283.6	12,478	290.0	3,012	260.0	1,115	20.4	921	21.4	194	16.7
1983	16,151	292.2	13,016	299.5	3,135	265.5	1,263	22.9	1,038	23.9	225	19.1
1984	15,989	285.6	12,785	291.0	3,204	266.0	1,292	23.1	1,073	24.4	219	18.2
1985	16,036	280.1	12,810	284.5	3,226	263.7	1,453	25.4	1,190	26.4	263	21.5
1986	15,981	275.5	12,673	278.2	3,308	265.8	1,592	27.4	1,328	29.1	264	21.2

NOTE: The heading of each individual table shows the name of the disease, the code from the International Classification of Diseases, Adapted, 8th revision used in 1977-1978 in parentheses, and the code from the International Classification of Diseases, 9th revision used in 1979-1986.

(continued)

TABLE 40 (continued)
RESIDENT DEATHS FROM IMPORTANT CAUSES WITH RATES PER 100,000 POPULATION BY RACE, VIRGINIA, 1977-1986

YEAR	TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
CHRONIC OBSTRUCTIVE PULMONARY DISEASES 490-496							ACCIDENTS, ALL TYPES (E800-E949) E800-E949					
1977	N.A.		N.A.		N.A.		2,597	50.6	1,946	46.5	651	68.5
1978	N.A.		N.A.		N.A.		2,404	46.7	1,821	43.9	583	58.6
1979	1,010	19.2	890	21.4	120	10.8	2,213	42.1	1,717	41.4	496	44.8
1980	1,130	21.1	999	23.6	131	11.7	2,450	45.8	1,889	44.7	561	50.2
1981	1,242	22.9	1,082	25.2	160	14.1	2,253	41.5	1,736	40.4	517	45.6
1982	1,225	22.4	1,070	24.9	155	13.4	2,043	37.4	1,588	36.9	455	39.3
1983	1,396	25.3	1,230	28.3	166	14.1	2,076	37.6	1,566	36.0	510	43.2
1984	1,457	26.0	1,273	29.0	184	15.3	2,185	39.0	1,696	38.6	489	40.6
1985	1,545	27.0	1,364	30.3	181	14.8	2,176	38.0	1,605	35.6	571	46.7
1986	1,630	28.1	1,435	31.5	195	15.7	2,273	39.2	1,705	37.4	568	45.6
CHRONIC LIVER DISEASE AND CIRRHOSIS (571) 571							MOTOR VEHICLE ACCIDENTS (E810-E823) E810-E825					
1977	538	10.5	410	9.8	128	13.5	1,191	23.2	918	21.9	273	28.7
1978	553	10.7	413	9.9	140	14.1	1,081	21.0	848	20.4	233	23.4
1979	559	10.6	446	10.7	113	10.2	1,002	19.1	820	19.7	182	16.4
1980	608	11.4	472	11.2	136	12.2	1,081	20.2	856	20.2	225	20.2
1981	555	10.2	437	10.2	118	10.4	1,049	19.3	855	19.9	194	17.1
1982	508	9.3	401	9.3	107	9.2	875	16.0	713	16.6	162	14.0
1983	546	9.9	435	10.0	111	9.4	924	16.7	734	16.9	190	16.1
1984	554	9.9	436	9.9	118	9.8	1,009	18.0	785	17.9	224	18.6
1985	544	9.5	429	9.5	115	9.4	999	17.4	752	16.7	247	20.2
1986	499	8.6	393	8.6	106	8.5	1,122	19.3	865	19.0	257	20.7
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND PUERPERIUM** (630-678) 630-676							ALL OTHER ACCIDENTS (E800-E807, E825-E949) E800-E807, E826-E949					
1977	11	14.8	10	18.0	1	5.4	1,406	27.4	1,028	24.6	378	39.8
1978	7	9.5	2	3.6	5	27.1	1,323	25.7	973	23.4	350	35.2
1979	7	9.1	4	7.1	3	14.9	1,211	23.0	897	21.6	314	28.4
1980	3	3.8	1	1.7	2	9.8	1,369	25.6	1,033	24.4	336	30.1
1981	6	7.6	2	3.4	4	19.6	1,204	22.2	881	20.5	323	28.5
1982	3	3.7	1	1.7	2	9.7	1,168	21.4	875	20.3	293	25.3
1983	4	5.0	1	1.7	3	14.5	1,152	20.8	832	19.1	320	27.1
1984	6	7.3	3	4.9	3	14.1	1,176	21.0	911	20.7	265	22.0
1985	5	5.8	1	1.6	4	18.2	1,177	20.6	853	18.9	324	26.5
1986	1	1.2	1	1.6	0	0.0	1,151	19.8	840	18.4	311	25.0
CONGENITAL ANOMALIES (740-759) 740-759 -							SUICIDE (E950-E959) E950-E959					
1977	300	5.8	218	5.2	82	8.6	807	15.7	721	17.2	86	9.0
1978	295	5.7	221	5.3	74	7.4	732	14.2	660	15.9	72	7.2
1979	335	6.4	263	6.3	72	6.5	775	14.7	693	16.7	82	7.4
1980	333	6.2	259	6.1	74	6.6	718	13.4	646	15.3	72	6.4
1981	290	5.3	214	5.0	76	6.7	711	13.1	633	14.7	78	6.9
1982	287	5.3	218	5.1	69	6.0	761	13.9	678	15.8	83	7.2
1983	295	5.3	223	5.1	72	6.1	718	13.0	630	14.5	88	7.5
1984	305	5.4	221	5.0	84	7.0	710	12.7	625	14.2	85	7.1
1985	272	4.8	206	4.6	66	5.4	751	13.1	667	14.8	84	6.9
1986	273	4.7	198	4.3	75	6.0	810	14.0	706	15.5	104	8.4
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-778) 760-779							HOMICIDE (E960-E978) E960-E978					
1977	613	11.9	352	8.4	261	27.5	482	9.4	237	5.7	245	25.8
1978	480	9.3	272	6.6	208	20.9	480	9.3	236	5.7	244	24.5
1979	651	12.4	391	9.4	260	23.5	501	9.5	262	6.3	239	21.6
1980	591	11.1	348	8.2	243	22.8	496	9.3	237	5.6	259	23.2
1981	560	10.3	329	7.7	231	20.4	500	9.2	268	6.2	232	20.5
1982	587	10.7	330	7.7	257	22.2	447	8.2	218	5.1	229	19.8
1983	525	9.5	265	6.1	260	22.0	430	7.8	203	4.7	227	19.2
1984	540	9.6	297	6.8	243	20.2	461	8.2	236	5.4	225	18.7
1985	535	9.3	291	6.5	244	19.9	427	7.5	202	4.5	225	18.4
1986	500	8.6	271	5.9	229	18.4	458	7.9	219	4.8	239	19.2

NOTE: The heading for each individual table shows the name of the disease, the code from the International Classification of Diseases, Adapted, 8th revision used in 1977-1978 in parentheses, and the code from the International Classification of Diseases, 9th revision used in 1979-1986.

**Rates per 100,000 live births

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1986

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years)																			Unk.
			Under 1	1-4	5-9	10- 14	15- 19	20- 24	25- 29	30- 34	35- 39	40- 44	45- 49	50- 54	55- 59	60- 64	65- 69	70- 74	75- 79	80- 84	85+	
ALL CAUSES	Total	46,476	958	161	84	76	363	531	604	659	732	886	1,120	1,754	2,760	4,115	5,282	5,995	6,271	5,707	8,390	28
	W M	18,703	337	67	35	42	212	288	290	317	317	413	475	786	1,305	1,913	2,418	2,687	2,590	2,007	2,194	10
	W F	17,356	228	45	25	17	79	105	118	114	159	225	283	457	709	1,168	1,573	1,973	2,425	2,685	4,960	8
	Nw M	5,810	213	32	14	12	53	103	145	156	170	152	210	313	466	624	745	767	691	468	468	8
	Nw F	4,607	180	17	10	5	19	35	51	72	86	96	152	198	280	410	546	568	565	547	768	2
Certain other intestinal infections (007-009)	Total	5	3											1								1
	W M	2	2																			
	W F	2	1																			1
	Nw M	1												1								
	Nw F																					
Tuberculosis, all forms (010-018)	Total	49								3	2	3	1	1	3	4	3	11	8	6	1	
	W M	15								1	1		1		1	1	1	5	1	3	1	
	W F	11														1	1	3	3	3		
	Nw M	17								2	1	3		1	1	2		3	4	3		
	Nw F	6													1	1	2	2				
Meningococcal infection (036)	Total	3					1							2								
	W M	1												1								
	W F	1																				
	Nw M																					
	Nw F	1						1														
001 Septicemia (038)	Total	533	7	4	1		1	1	2	3	4	6	8	12	25	41	69	70	79	81	119	
	W M	162	1	1	1					1	3		2	8	10	13	26	22	23	25	26	
	W F	208	2	2			1	1	1	1		1	3		6	7	19	23	29	41	71	
	Nw M	93	2								1	2	1	4	7	15	17	15	14	5	10	
	Nw F	70	2	1					1	1		3	2		2	6	7	10	13	10	12	
Viral hepatitis (070)	Total	11							2					1	1	1	1	1	1	1	2	
	W M	5							1					1		1	1			1		
	W F	3																1	1		1	
	Nw M	1							1													
	Nw F	2													1						1	
Syphilis (090-097)	Total	1																1				
	W M																					
	W F																					
	Nw M	1																1				
	Nw F																					
Other infectious and parasitic diseases (Residual of 001-139)	Total	186	7	3	2			7	10	10	18	14	14	7	8	9	14	13	22	13	15	
	W M	85	4	2	1			2	4	3	13	7	5	2	4	3	7	4	12	8	2	
	W F	51	1	1	1			2	1		3		3	1	1	3	5	7	7	4	11	
	Nw M	28	1					2	4	5	4	2	1	1	1		2	1	1	1	2	
	Nw F	22	1					1	1	2	1	2	5	3	2	1		1	2			

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1986 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years)																			
			Under 1	1-4	5-9	10- 14	15- 19	20- 24	25- 29	30- 34	35- 39	40- 44	45- 49	50- 54	55- 59	60- 64	65- 69	70- 74	75- 79	80- 84	85+	Unk.
Malignant neoplasms (140-208)	Total	10,825	3	13	11	11	25	29	49	78	133	241	361	623	1,009	1,473	1,746	1,697	1,402	1,044	871	6
	W M	4,526	2	3	1	9	6	13	17	36	27	85	107	233	430	637	784	798	621	426	288	3
	W F	3,923	1	7	8	1	10	8	17	24	68	100	146	214	337	497	571	546	508	420	438	2
	Nw M	1,374		2	1	1	4	3	7	6	15	24	56	105	143	202	238	229	161	107	69	1
	Nw F	1,002		1	1		5	5	8	12	23	32	52	71	99	137	153	124	112	91	76	
1. Lip, oral cavity and pharynx (140-149)	Total	176					1				1	2	7	13	27	33	25	31	12	16	8	
	W M	82										2	1	4	15	15	14	14	5	9	3	
	W F	44					1						2	1	3	6	7	13	5	4	2	
	Nw M	36									1		3	8	6	11	2	2	1	1	1	
	Nw F	14											1		3	1	2	2	1	2	2	
2. Digestive organs and peritoneum (150-159)	Total	2,495						3	7	9	21	40	83	137	202	320	360	387	361	297	267	1
	W M	985						1	2	6	4	20	25	46	87	146	155	165	154	103	70	1
	W F	865							1	2	5	9	21	35	54	89	104	133	125	133	154	
	Nw M	356						1	3	1	6	9	20	33	36	47	61	52	44	29	14	
	Nw F	289						1	1	1	6	2	17	23	25	38	40	37	38	32	29	
3. Respiratory and intra- thoracic organs (160-165)	Total	3,323	1				1		1	2	12	64	95	211	388	529	681	560	403	254	119	2
	W M	1,796								1	3	26	41	111	205	292	369	326	227	133	61	1
	W F	862	1								7	26	21	53	92	127	175	131	113	73	42	
	Nw M	510					1		1	1	2	10	25	39	64	84	104	87	51	30	11	
	Nw F	155									2	2	8	8	27	26	33	16	12	18	5	
4. Breast (174-175)	Total	901							4	16	33	53	71	73	92	127	126	99	88	61	58	
	W M	4										1				1		1		1	1	
	W F	733							2	8	27	37	54	57	78	108	106	87	69	52	48	
	Nw M	1															1					
	Nw F	163							2	8	6	15	17	16	14	18	19	12	18	9	9	
5. Genital organs (179-187)	Total	1,201			1		1	6	3	5	17	20	26	49	69	131	161	201	187	171	152	1
	W M	433						2		2	1	1	1	5	15	32	57	84	83	80	70	1
	W F	413			1			3	2	3	11	14	22	29	37	58	51	38	55	46	43	
	Nw M	219					1							2	7	23	32	56	32	34	32	
	Nw F	136						1	1		6	5	3	13	10	18	21	23	17	11	7	
6. Urinary organs (188-189)	Total	406			2			1	1	2	2	5	7	16	33	46	64	79	59	45	44	
	W M	225								1	1	3	3	13	18	30	40	48	32	22	14	
	W F	114			2								2	2	5	8	18	20	18	15	24	
	Nw M	34								1	1	2	1		7	4	3	7	5	2	1	
	Nw F	33						1	1				1	1	3	4	3	4	4	6	5	
7. Other and unspecified sites (170-173,190-199)	Total	1,416	2	7	4	7	9	12	16	27	30	34	46	79	131	191	212	207	161	114	125	2
	W M	618	2	1		6	4	7	9	15	13	18	24	35	61	79	89	101	75	43	36	
	W F	533		4	3	1	3	4	4	8	12	11	15	23	43	68	74	73	57	59	70	1
	Nw M	140		2	1				2	1	3	1	4	17	17	23	27	15	14	6	6	1
	Nw F	125					2	1	1	3	2	4	3	4	10	21	22	18	15	6	13	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1986 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years)																						
			Under 1	1-4	5-9	10- 14	15- 19	20- 24	25- 29	30- 34	35- 39	40- 44	45- 49	50- 54	55- 59	60- 64	65- 69	70- 74	75- 79	80- 84	85+	Unk.			
8. Leukemia (204-208)	Total	342		6	4	4	10	2	7	3	8	8	3	14	19	41	45	55	50	26	37				
	W M	143		2	1	3	2	1	1	1	2	5	2	6	10	17	22	22	17	13	16				
	W F	131		3	2		4		4	2	4	1	1	6	6	16	12	17	25	9	19				
	Nw M	34				1	1	1	1		1	1		1	1	3	5	8	5	3	2				
	Nw F	34		1	1		3		1		1	1		1	2	5	6	8	3	1					
9. Other neoplasms of lymphatic and hemato- poietic tissues (200-203)	Total	565					3	5	10	14	9	15	23	31	48	55	72	78	81	60	61				
	W M	240						2	5	10	4	9	10	13	19	25	38	38	27	23	17				
	W F	228					2	1	4	1	2	2	8	8	19	17	24	34	41	29	36				
	Nw M	44					1	1		2	1	1	3	5	5	7	3	2	9	2	2				
	Nw F	53						1	1	1	2	3	2	5	5	6	7	4	4	6	6				
Benign neoplasms and neoplasms of unspecified nature (210-239)	Total	147		3	4	1	2	2	1	4	7	1	4	5	15	8	15	22	14	18	21				
	W M	41			1		1			2	2	1	2	2	6	3	2	3	6	4	5				
	W F	75		2	3		1			2	1		2	3	6	2	7	14	6	13	13				
	Nw M	16						2			2				1		2	4			1				
	Nw F	15		1							2				2	3	4	1	2	1	2				
Diabetes mellitus (250)	Total	703			1	1	1	4	1	6	5	19	15	23	36	87	94	118	112	91	89				
	W M	196						1		3	1	8	5	8	13	31	27	28	26	18	27				
	W F	268			1	1			1		1	6	5	6	11	24	39	46	46	41	37				
	Nw M	98					1			3	1	4	2	4	6	15	7	10	23	12	10				
	Nw F	141									2	1	3	5	6	17	21	34	17	20	15				
Nutritional deficiencies (260-269)	Total	59	1													1	3	7	10	11	26				
	W M	17														1	2	2	6	3	3				
	W F	31															1	4	3	6	17				
	Nw M	3																			3				
	Nw F	8	1															1	1	2	3				
Anemias (280-285)	Total	84			1	2	3	2	3	3	3	1	2	3	2	3	9	7	10	15	15				
	W M	21			1				1				2		1		1	4	3	4	4				
	W F	32				2		1				1		2			3	2	5	8	8				
	Nw M	13					1	1			2					2	1	1		2	1				
	Nw F	18					2		2	3	1			1	1	1	4			1	2				
Meningitis (320-322)	Total	29	6	6	2			2	1	1			1		1	4			1	3	1				
	W M	11	1	5	1			1	1							1				1	1				
	W F	8	2							1					1	1			1		1				
	Nw M	4	2		1											1									
	Nw F	6	1	1				1					1			1				1					
Major cardiovascular diseases (390-448)	Total	20,674	44	15	6	4	21	23	44	84	142	239	380	622	1,062	1,641	2,247	2,814	3,189	3,069	5,016	12			
	W M	7,949	20	1	2	3	8	10	17	39	62	125	203	317	569	839	1,071	1,237	1,242	1,006	1,174	4			
	W F	8,326	6	6	3		3	5	9	18	27	39	63	111	197	382	580	931	1,301	1,530	3,111	4			
	Nw M	2,221	11	7		1	6	5	12	18	30	47	75	116	184	244	322	350	327	222	241	3			
	Nw F	2,178	7	1	1		4	3	6	9	23	28	39	78	112	176	274	296	319	311	490	1			
1. Diseases of heart (390-398, 402, 404-429)	Total	15,981	43	14	5	4	13	19	35	67	112	194	320	521	915	1,373	1,863	2,229	2,448	2,287	3,512	7			
	W M	6,555	20	1	2	3	4	10	17	34	55	109	185	289	516	724	919	1,041	983	773	867	3			
	W F	6,118	5	6	2		1	2	5	14	18	28	43	77	163	308	477	702	972	1,128	2,165	2			
	Nw M	1,738	11	6		1	5	4	9	13	25	41	62	98	144	208	258	270	244	167	171	1			
	Nw F	1,570	7	1	1		3	3	4	6	14	16	30	57	92	133	209	216	249	219	309	1			

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1986 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years)																				
			Under 1	1-4	5-9	10- 14	15- 19	20- 24	25- 29	30- 34	35- 39	40- 44	45- 49	50- 54	55- 59	60- 64	65- 69	70- 74	75- 79	80- 84	85+	Unk.	
a. Rheumatic fever and rheumatic heart disease (390-398)	Total	97	2						1	2	2	3	2	4	10	12	12	15	12	8	12		
	W M	19	1							1	1			2	1	3	1	3	3	1	3		
	W F	52							1		1	3	2	1	3	4	9	7	9	5	6		
	Nw M	8	1												2	1	1	1	1	1	1		
	Nw F	18									1				4	4	2	4		1	2		
b. Hypertensive heart disease (402)	Total	445							1		1	4	2	17	28	42	49	58	74	74	95		
	W M	93							1		1			2	6	15	14	16	17	14	7		
	W F	177											1	2	1	5	11	20	29	39	69		
	Nw M	80										2	1	7	14	10	11	12	15	5	3		
	Nw F	95										2		6	7	12	13	10	13	16	16		
c. Hypertensive heart and renal disease (404)	Total	71									1			1	3	2	12	14	10	18	10		
	W M	10															1	4		4	1		
	W F	23														1		3	4	8	7		
	Nw M	21									1			1			6	3	3	5	1		
	Nw F	17													2	1	5	4	3	1	1		
d. Ischemic heart disease (410-414)	Total	9,951	1	1	1	1	1	4	5	34	62	130	236	339	628	929	1,278	1,510	1,552	1,371	1,862	6	
	W M	4,523				1		4	3	20	36	88	147	217	387	531	673	748	669	497	500	2	
	W F	3,605	1		1					4	9	14	28	45	114	193	323	471	616	684	1,100	2	
	Nw M	987		1			1		2	8	13	20	38	55	79	141	163	166	119	85	95	1	
	Nw F	836								2	4	8	23	22	48	64	119	125	148	105	167	1	
1. Acute myocardial infarction (410)	Total	5,154	1		1	1			1	16	30	68	134	183	373	550	713	849	855	681	693	4	
	W M	2,456				1			1	10	21	48	81	116	226	321	368	421	382	258	200	1	
	W F	1,769	1		1					1	3	8	17	25	81	114	189	273	339	336	379	2	
	Nw M	494								4	6	9	24	27	42	77	90	84	51	36	43	1	
	Nw F	435								1		3	12	15	24	38	66	71	83	51	71		
11. Other ischemic heart disease (411-414)	Total	4,797		1			1	3	4	18	32	62	102	156	255	379	565	661	697	690	1,169	2	
	W M	2,067						3	2	10	15	40	66	101	161	210	305	327	287	239	300	1	
	W F	1,836								3	6	6	11	20	33	79	134	198	277	348	721		
	Nw M	493		1			1		2	4	7	11	14	28	37	64	73	82	68	49	52		
	Nw F	401								1	4	5	11	7	24	26	53	54	65	54	96	1	
e. Other diseases of endocardium (424)	Total	202					1		2	1			3	5	11	12	18	22	50	25	52		
	W M	82							1	1			2	3	7	5	10	10	21	6	15		
	W F	86													3	4	4	8	23	13	31		
	Nw M	12							1				1		1	1	2	1	3	1	1		
	Nw F	22												2		2	2	3	3	5	5		
f. All other forms of heart disease (415-423,425-429)	Total	5,215	40	13	4	3	11	15	26	30	46	57	77	155	235	376	494	610	750	791	1,481	1	
	W M	1,828	19	1	2	2	3	6	12	12	18	21	36	65	115	170	220	260	273	251	341	1	
	W F	2,175	4	6	1		1	2	4	9	8	11	12	29	42	101	130	193	291	379	952		
	Nw M	630	10	5		1	4	4	6	5	11	19	22	34	47	55	76	87	104	70	70		
	Nw F	582	7	1	1		3	3	4	4	9	6	7	27	31	50	68	70	82	91	118		
2. Hypertension (401,403)	Total	175							1		3	1	1	6	7	9	14	34	32	30	37		
	W M	39											1	1	4	2	5	7	7	5	7		
	W F	68									1			3	1	1	2	14	12	12	22		
	Nw M	29							1			1			1	4	2	6	5	6	3		
	Nw F	39									2			2	1	2	5	7	8	7	5		

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1986 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years)																					
			Under 1	1-4	5-9	10- 14	15- 19	20- 24	25- 29	30- 34	35- 39	40- 44	45- 49	50- 54	55- 59	60- 64	65- 69	70- 74	75- 79	80- 84	85+	Unk.		
3. Cerebrovascular diseases (430-438)	Total	3,552	1	1			6	4	8	15	24	39	54	81	107	196	287	428	562	603	1,131	5		
	W M	977					3			4	5	15	15	21	35	76	94	119	182	179	228	1		
	W F	1,707	1				2	3	4	4	7	9	19	28	26	56	84	181	258	314	709	2		
	Nw M	380		1				1		4	5	5	12	16	30	26	55	62	68	39	52	2		
	Nw F	488					1		2	3	7	10	8	16	16	38	54	66	54	71	142	2		
4. Atherosclerosis (440)	Total	529								1			3	4	11	24	31	46	67	90	252			
	W M	166								1			2	2	4	11	18	24	22	28	54			
	W F	277													1	9	8	16	33	45	163			
	Nw M	42											1		5	3	3	5	6	7	12			
	Nw F	44													1	1	2	1	6	10	23			
5. Other diseases of arteries, arterioles, and capillaries (441-448)	Total	437			1		2			1	3	5	2	10	22	39	52	77	80	59	84			
	W M	212					1				2	1		4	10	26	35	46	48	21	18			
	W F	156			1						1	2	1	1	6	8	9	18	26	31	52			
	Nw M	32					1			1				2	4	3	4	7	4	3	3			
	Nw F	37										2	1	3	2	2	4	6	2	4	11			
Acute bronchitis and bron- chiolitic (466)	Total	13	2													2		3		3	3			
	W M	6	2															1		2	1			
	W F	6																2						
	Nw M																							
	Nw F	1																		1	2			
Pneumonia and influenza (480-487)	Total	1,592	9	4	3	1	1	1	7	7	12	16	12	15	35	80	99	150	231	273	635	1		
	W M	648	4	2	2	1	1		3	3	5	6	6	4	12	39	47	81	111	106	215			
	W F	680	1	1	1				3		2	1	3	4	14	17	28	40	79	132	354			
	Nw M	171	2	1				1	1	2	4	6	3	4	6	17	19	23	25	20	36	1		
	Nw F	93	2							2	1	3		3	3	7	5	6	16	15	30			
Chronic obstructive pulmonary diseases (490-496)	Total	1,630	2	1	1	2		1	3	3	6	7	11	38	86	176	256	318	306	215	198			
	W M	817	1	1				1		1		3	2	12	39	77	123	173	176	115	93			
	W F	618				1				1	2	3	4	22	29	76	100	115	97	79	89			
	Nw M	134			1	1			1		3		3	2	9	12	24	23	26	15	14			
	Nw F	61	1						2	1	1	1	2	2	9	11	9	7	7	6	2			
Ulcer of stomach and duodenum (531-533)	Total	124						1		1	1	1	4	2	6	9	18	14	16	23	28			
	W M	43											2	1	5	2	7	3	6	6	10			
	W F	56						1		1			1	1	1	3	9	5	6	12	16			
	Nw M	13														1	1	4	2	3	1			
	Nw F	12											1			3	1	2	2	2	1			
Appendicitis (540-543)	Total	10													1	2	1	1		2	3			
	W M	2														1	1	1			1			
	W F	4																						
	Nw M	3															1	1		2	2			
	Nw F	1																						
Hernia and intestinal obstruction (550-553,560)	Total	109	6					1		2				2	6	4	8	7	12	21	40			
	W M	35	4							1					4	1	1	1	5	8	10			
	W F	46						1						1			3	3	3	10	24			
	Nw M	12														1	2	1	3	1	2			
	Nw F	16	2											1	2	2	2	2	1	2	4			

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1986 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years)																		Unk.	
			Under 1	1-4	5-9	10- 14	15- 19	20- 24	25- 29	30- 34	35- 39	40- 44	45- 49	50- 54	55- 59	60- 64	65- 69	70- 74	75- 79	80- 84		85+
Chronic liver disease and cirrhosis (571)	Total	499						2	3	13	20	30	48	60	60	81	77	44	39	14	8	
	W M	252							1	7	10	13	26	33	28	43	45	20	16	7	3	
	W F	141						1	1	1	5	7	5	12	17	25	24	14	18	6	5	
	Nw M	62						1	1	2	5	7	6	7	10	8	5	5	5			
	Nw F	44								3		3	11	8	5	5	3	5		1		
Cholelithiasis and other disorders of gall bladder (574-575)	Total	64								1			1		3	1	7	4	8	17	22	
	W M	29											1		1	1	4	3	5	6	8	
	W F	27													2			1	3	9	12	
	Nw M	2								1										1	1	
	Nw F	6															3		1	1	1	
Nephritis, nephrotic syndrome, and nephrosis (580-589)	Total	461	6					3	3	2	10	6	4	10	16	39	55	55	79	70	103	
	W M	166	1					1	1	2	4	2	1	3	7	22	16	20	25	26	35	
	W F	135	1					1			2	1	1		1	7	15	13	23	28	42	
	Nw M	84	2					1	2		4	2	2	5	3	7	14	9	18	3	12	
	Nw F	76	2									1	2	2	5	3	10	13	13	13	14	
Infections of kidney (590)	Total	39												1	4	3	2	4	6	9	9	1
	W M	6													1	1		1	1	2	1	
	W F	20													3		1	1	4	3	7	
	Nw M	10												1		2		1	1	4	1	
	Nw F	3															1	1		1	1	
Hyperplasia of prostate (600)	Total	11														1	1	2	5	1	1	
	W M	10														1	1	2	5	1	1	
	W F																					
	Nw M	1															1					
	Nw F																					
Complications of pregnancy, childbirth, and the puerperium (630-676)	Total	1									1											
	W M																					
	W F	1									1											
	Nw M																					
	Nw F																					
Congenital anomalies (740-759)	Total	273	165	28	8	5	7	5	3	3	5	7	4	5	7	4	5	4	5	3		
	W M	121	73	16	3	4	3	4		1	3	4	1		2		2	3	2			
	W F	77	41	8	3		2	1	2	1		2	2	3	3	3	1	1	1	3		
	Nw M	44	31	3	1	1	2				1	1		1					1			
	Nw F	31	20	1	1				1	1	1		1	1	2	1			1			
Certain conditions originating in the perinatal period (760-779)	Total	500	497	2						1												
	W M	155	153	1						1												
	W F	116	116																			
	Nw M	119	119																			
	Nw F	110	109	1																		
Symptoms and ill-defined conditions (780-799)	Total	524	133	4	1		1	4	10	8	11	5	4	14	15	13	28	35	46	47	145	
	W M	170	50	2	1				2		2	2	2	6	5	7	12	13	18	11	37	
	W F	209	36	2			1	1	4	2	5	2	2	1	3	2	9	14	17	24	84	
	Nw M	79	23					2	3	5	4	1		7	5	2	6	6	4	6	5	
	Nw F	66	24					1	1	1					2	2	1	2	7	6	19	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1986 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years)																					
			Under 1	1-4	5-9	10- 14	15- 19	20- 24	25- 29	30- 34	35- 39	40- 44	45- 49	50- 54	55- 59	60- 64	65- 69	70- 74	75- 79	80- 84	85+	Unk.		
All other diseases (Residual)	Total	3,746	38	16	11	7	15	21	41	59	73	95	100	129	186	265	366	438	503	541	840	2		
	W M	1,316	14	5	4	5	5	11	15	28	30	47	38	51	68	105	162	176	193	170	188	1		
	W F	1,526	9	5	4		7	4	5	10	10	18	17	35	51	75	119	147	210	270	530			
	Nw M	493	9	2	2		2	2	15	15	21	17	21	29	49	60	46	64	57	41	41			
	Nw F	411	6	4	1	2	1	4	6	6	12	13	24	14	18	25	39	51	43	60	81	1		
Accidents (E800-E949)	Total	2,273	16	56	29	32	217	260	236	197	147	100	75	103	95	105	101	114	131	100	157	2		
	W M	1,180	4	25	16	18	151	158	140	112	78	53	34	56	45	48	44	54	57	39	48			
	W F	525	6	11	1	6	43	48	40	24	15	22	13	21	14	30	26	38	49	37	81			
	Nw M	435	4	15	8	7	18	43	48	44	42	21	22	19	33	20	24	14	16	20	15	2		
	Nw F	133	2	5	4	1	5	11	8	17	12	4	6	7	3	7	7	8	9	4	13			
1. Motor vehicle accidents (E810-E825)	Total	1,122	4	19	11	19	173	197	150	112	68	50	31	44	48	38	39	40	41	25	11	2		
	W M	616	1	8	5	11	122	114	89	63	34	25	15	24	21	14	10	17	22	14	7			
	W F	249		4	1	3	41	41	28	17	9	13	6	11	10	14	14	15	14	6	2			
	Nw M	196	3	4	4	4	7	32	28	23	18	11	6	5	15	9	10	6	3	5	1	2		
	Nw F	61		3	1	1	3	10	5	9	7	1	4	4	2	1	5	2	2		1			
2. Home accidents ((Home) E850-E949)	Total	394	9	27	9	4	5	13	26	32	28	14	11	19	14	21	23	29	30	32	48			
	W M	161	2	11	4	2	5	8	11	17	12	6	4	7	5	7	11	13	13	11	12			
	W F	111	4	6		2		2	6	3	3	4	1	3	3	9	6	8	11	16	24			
	Nw M	85	1	8	2			2	7	7	9	3	5	8	6	3	4	5	4	4	7			
	Nw F	37	2	2	3			1	2	5	4	1	1	1	2	2	2	3	2	1	5			
3. All other accidents (E800-E807, E826-E849, (Other) E850-E949)	Total	757	3	10	9	9	39	50	60	53	51	36	33	40	33	46	39	45	60	43	98			
	W M	403	1	6	7	5	24	36	40	32	32	22	15	25	19	27	23	24	22	14	29			
	W F	165	2	1		1	2	5	6	4	3	5	6	7	1	7	6	15	24	15	55			
	Nw M	154		3	2	3	11	9	13	14	15	7	11	6	12	8	10	3	9	11	7			
	Nw F	35					2		1	3	1	2	1	2	1	4		3	5	3	7			
Suicide (E950-E959)	Total	810			1	7	41	86	96	88	87	58	41	58	60	42	43	43	32	13	14			
	W M	559			2	29	62	60	53	63	41	26	41	47	26	29	33	25	11	11	11			
	W F	147				4	7	13	21	15	14	12	8	13	10	11	9	3	5	1	1			
	Nw M	81					5	11	11	14	8	3	6	3	1	4	5	5	2	1	2			
	Nw F	23			1	1		4	6	2	2	1	1	1	2	1	2	2						
Homicide and legal inter- vention (E960-E978)	Total	458	12	5	2	3	27	71	86	80	41	36	29	16	15	15	11	5			2	2		
	W M	143		2	1		8	22	25	23	11	15	9	6	5	7	4				1			
	W F	76	5			2	4	13	12	11	5	7	5	6	1	1	2	1						
	Nw M	192	5	2			13	29	38	40	20	12	11	3	7	5	5				1	1		
	Nw F	47	2	1	1	1	2	7	11	6	5	2	4	1	2	2								
Other external causes (E980-E999)	Total	30	1	1			1	4	3	3	3	1	1	1	3	2	2	1	1	1	1			
	W M	14						2	1		2				2									
	W F	7						1	1						1		1							
	Nw M	5					1		1		1		1		1		1							
	Nw F	4						1		1		1									1			

TABLE 42 - FIVE LEADING CAUSES OF DEATH IN SPECIFIED AGE GROUPS BY RACE, VIRGINIA, 1986

Age at Death	TOTAL		WHITE		NONWHITE	
	Number	Percent	Number	Percent	Number	Percent
Under 1 year All causes	958	100.0	565	100.0	393	100.0
Certain conditions originating in the perinatal period (760-779)	497	51.9	269	47.6	228	58.0
Congenital anomalies (740-759)	165	17.2	114	20.2	51	13.0
Diseases of heart (390-398,402,404-429)	43	4.5	25	4.4	18	4.6
All accidents (E800-E949)	16	1.7	10	1.8	6	1.5
Homicide and legal intervention (E960-E978)	12	1.3	5	0.9	7	1.8
All other causes	225	23.4	142	25.1	83	21.1
1-4 years All causes	161	100.0	112	100.0	49	100.0
All accidents (E800-E949)	56	34.8	36	32.1	20	40.8
Congenital anomalies (740-759)	28	17.4	24	21.4	4	8.2
Diseases of heart (390-398,402,404-429)	14	8.7	7	6.3	7	14.3
Malignant neoplasms (140-208)	13	8.1	10	8.9	3	6.1
Meningitis (320-322)	6	3.7	5	4.5	1	2.0
All other causes	44	27.3	30	26.8	14	28.6
5-14 years All causes	160	100.0	119	100.0	41	100.0
All accidents (E800-E949)	61	38.1	41	34.5	20	48.8
Malignant neoplasms (140-208)	22	13.8	19	16.0	3	7.3
Congenital anomalies (740-759)	13	8.1	10	8.4	3	7.3
Diseases of heart (390-398,402,404-429)	9	5.6	7	5.9	2	4.9
Suicide (E950-E959)	8	5.0	6	5.0	2	4.9
All other causes	47	29.4	36	30.2	11	26.8
15-24 years All causes	894	100.0	684	100.0	210	100.0
All accidents (E800-E949)	477	53.4	400	58.5	77	36.7
Suicide (E950-E959)	127	14.2	111	16.2	16	7.6
Homicide and legal intervention (E960-E978)	98	11.0	47	6.9	51	24.3
Malignant neoplasms (140-208)	54	6.0	37	5.4	17	8.1
Diseases of heart (390-398,402,404-429)	32	3.6	17	2.5	15	7.1
All other causes	106	11.8	72	10.5	34	16.2
25-44 years All causes	2,881	100.0	1,953	100.0	928	100.0
All accidents (E800-E949)	680	23.6	484	24.8	196	21.1
Malignant neoplasms (140-208)	501	17.4	374	19.2	127	13.7
Diseases of heart (390-398,402,404-429)	408	14.2	280	14.3	128	13.8
Suicide (E950-E959)	329	11.4	279	14.3	50	5.4
Homicide and legal intervention (E960-E978)	243	8.4	109	5.6	134	14.4
All other causes	720	25.0	427	21.8	293	31.6
45-64 years All causes	9,749	100.0	7,096	100.0	2,653	100.0
Malignant neoplasms (140-208)	3,466	35.6	2,601	36.7	865	32.6
Diseases of heart (390-398,402,404-429)	3,129	32.1	2,305	32.5	824	31.1
Cerebrovascular diseases (430-438)	438	4.5	276	3.9	162	6.1
All accidents (E800-E949)	378	3.9	261	3.7	117	4.4
Chronic obstructive pulmonary diseases (490-496)	311	3.2	261	3.7	50	1.9
All other causes	2,027	20.7	1,392	19.5	635	23.9
65-74 years All causes	11,277	100.0	8,651	100.0	2,626	100.0
Diseases of heart (390-398,402,404-429)	4,092	36.3	3,139	36.3	953	36.3
Malignant neoplasms (140-208)	3,443	30.5	2,699	31.2	744	28.3
Cerebrovascular diseases (430-438)	715	6.3	478	5.5	237	9.0
Chronic obstructive pulmonary diseases (490-496)	574	5.1	511	5.9	63	2.4
Pneumonia and influenza (480-487)	249	2.2	196	2.3	53	2.0
All other causes	2,204	19.6	1,628	18.8	576	22.0
75 and over All causes	20,368	100.0	16,861	100.0	3,507	100.0
Diseases of heart (390-398,402,404-429)	8,247	40.5	6,888	40.9	1,359	38.8
Malignant neoplasms (140-208)	3,317	16.3	2,701	16.0	616	17.6
Cerebrovascular diseases (430-438)	2,296	11.3	1,870	11.1	426	12.1
Pneumonia and influenza (480-487)	1,139	5.6	997	5.9	142	4.0
Chronic obstructive pulmonary diseases (490-496)	719	3.5	649	3.8	70	2.0
All other causes	4,650	22.8	3,756	22.3	894	25.5

TABLE 43
RESIDENT ACCIDENTAL DEATHS BY AGE, BY TYPE OF ACCIDENT
VIRGINIA, 1986

Type of Accident	Total	AGE (in years)													
		Under 1	1-4	5-9	10- 14	15- 19	20- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75- 84	85 & Over	Unknown
TOTAL DEATHS DUE TO ACCIDENTS	2,273	16	56	29	32	217	260	433	247	178	200	215	231	157	2
Railway (E800-E807)	19				2	2	2	6	1	3	3				
Motor vehicle (E810-E825)	1,122	4	19	11	19	173	197	262	118	75	86	79	66	11	2
Other road vehicle (E826-E829)	4						1	1			2				
Water transport (E830-E838)	27				1	2	3	8	7	2	4				
Aircraft (E840-E845)	20						1	13	2	1	1	2			
Off the road vehicle (846-848)	2					1				1					
Poisoning by drugs (850-858)	72					1	5	41	9	3	6	5	1	1	
Poisoning by other solids and liquids (E860-E866)	53						1	5	15	18	9	3	2		
Poisoning by gases and vapors (E867-E869)	23					2	1	3	7	2	6		1	1	
Surgical and medical misadventures and complications (E870-E879)	58							3	3	3	6	16	13	14	
Falls (E880-E888)	250	2	2			3	6	12	10	15	12	31	73	84	
Fires (E890-E899)	130		18	7	1	1	5	14	15	12	17	16	17	7	
Excessive heat or cold or exposure (E900-E904)	29						1	1	4	1	4	5	9	4	
Insects and animals (E905-E906)	6							2	2			1			
Lightning (E907)	4						3	1							
Drowning and submersion (E910)	116	2	8	8	6	16	16	20	11	10	8	6	2	3	
Suffocation from inhaled or ingested object (E911-E912)	96	4	5			2		4	3	6	8	19	24	21	
Mechanical suffocation (E913)	11	4	1					2			1	1	1	1	
Falling or projected object or caught between objects (E916-E918)	46		1			1	4	7	15	4	3	9	2		
Machinery (E919)	60			1		4	5	10	5	6	15	11	3		
Cutting and piercing instruments or objects (E920)	1												1		
Explosion of pressure vessel (E921)	2							1		1					
Firearms (E922)	33			1	3	5	7	8		2	2	1	1		
Explosive materials (E923)	1							1							
Hot substance, corrosive material, steam (E924)	7		1					2	3			1			
Electric current (E925)	12					4	1	3	3		1				
Other and unspecified environmental causes (E928)	38		1	1				1	6	6	5	5	8	5	
Late effects (929)	24							3	3	3	1	3	6	5	
Drugs causing adverse effects in therapeutic use (E930-E949)	7						1		1	3		1	1		

TABLE 44
RESIDENT HOME ACCIDENTAL DEATHS BY AGE, BY TYPE OF ACCIDENT
VIRGINIA, 1986
(Included in tabulation of all accidental deaths)

Type of Accident	Total	AGE (in years)												
		Under 1	1-4	5-9	10- 14	15- 19	20- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75- 84	85 & Over
TOTAL DEATHS DUE TO ACCIDENTS	406	9	31	11	4	5	14	60	42	30	37	52	63	48
Motor vehicle (E810-E825)	12	-	4	2			1	2			2		1	
Poisoning by drugs (850-858)	38						3	23	4	2	4	2		
Poisoning by other solids and liquids (E860-E866)	20							3	3	9	2	2	1	
Poisoning by gases and vapors (E867-E869)	8								5		2		1	
Falls (E880-E888)	112	2	2					5	3	7	4	16	38	35
Fires (E890-E899)	127		18	7	1	1	5	14	15	10	16	16	17	7
Excessive heat or cold or exposure (E900-E904)	7										1	2	1	3
Insects and animals (E905-906)	5							2	1	1		1		
Drowning and submersion (E910)	17	2	2	1		2		2	2		2	3		1
Suffocation from inhaled or ingested object (E911-E912)	10	1	1					1	2		1	2	2	
Mechanical suffocation (E913)	7	4	1					1						1
Falling or projected object or caught between objects (E916-E918)	7		1				1	1	2		1	1		
Machinery (E919)	6							1			1	4		
Cutting and piercing instruments or objects (E920)	1												1	
Firearms (E922)	18			1	3	1	4	4	2		1	1	1	
Hot substance, corrosive material, steam (E924)	2		1									1		
Electric current (E925)	4					1		1	2					
Other and unspecified environmental causes (928)	3		1							1		1		
Late effects (929)	1													1
Drugs causing adverse effects in therapeutic use (930-949)	1								1					

TABLE 45
DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE
BY RACE BY CAUSE, VIRGINIA, 1986

Cause of Death	STATE OF VIRGINIA					
	Place of Occurrence			Place of Residence		
	Total	White	Nonwhite	Total	White	Nonwhite
ALL CAUSES	45,734	35,296	10,438	46,476	36,059	10,417
1 Shigellosis and amebiasis 004-006						
2 Certain other intestinal infections .. 007-009	5	4	1	5	4	1
3 Tuberculosis, all forms 010-018	42	21	21	49	26	23
4 Whooping cough 033	1		1			
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036	3	2	1	3	2	1
7 Septicemia 038	509	352	157	533	370	163
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070	10	7	3	11	8	3
11 Syphilis 090-097	1		1	1		1
12 Other infectious & parasitic diseases						
..... Residual of 001-139	168	118	50	186	136	50
13 Malignant neoplasms 140-208	10,501	8,133	2,368	10,825	8,449	2,376
14 Lip, oral cavity and pharynx 140-149	166	115	51	176	126	50
15 Digestive organs and peritoneum 150-159	2,447	1,796	651	2,495	1,850	645
16 Respiratory & intrathoracic organs .. 160-165	3,261	2,592	669	3,323	2,658	665
17 Breast 174-175	860	699	161	901	737	164
18 Genital organs 179-187	1,153	803	350	1,201	846	355
19 Urinary organs 186-189	407	340	67	406	339	67
20 Other & unspecified sites .. 170-173, 190-199	1,342	1,085	257	1,416	1,151	265
21 Leukemia 204-208	320	253	67	342	274	68
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	545	450	95	565	468	97
23 Benign neoplasms and neoplasms of unspecified nature 210-239	142	112	30	147	116	31
24 Diabetes mellitus 250	695	459	236	703	464	239
25 Nutritional deficiencies 260-269	62	49	13	59	48	11
26 Anemias 280-285	74	45	29	84	53	31
27 Meningitis 320-322	28	18	10	29	19	10
28 Major cardiovascular diseases 390-448	20,565	16,142	4,423	20,674	16,275	4,399
29 Diseases of heart 390-398, 402, 404-429	15,917	12,589	3,328	15,981	12,673	3,308
30 Rheumatic fever and rheumatic heart disease 390-398	89	64	25	97	71	26
31 Hypertensive heart disease 402	434	264	170	445	270	175
32 Hypertensive heart & renal disease ... 404	71	33	38	71	33	38
33 Ischemic heart disease 410-414	9,914	8,069	1,845	9,951	8,128	1,823
34 Acute myocardial infarction 410	5,123	4,183	940	5,154	4,225	929
35 Other ischemic heart disease ... 411-414	4,791	3,886	905	4,797	3,903	894
36 Other diseases of endocardium 424	200	168	32	202	168	34
37 All other forms of heart disease						
..... 415-423, 425-429	5,209	3,991	1,218	5,215	4,003	1,212
38 Hypertension 401, 403	175	106	69	175	107	68
39 Cerebrovascular diseases. 430-438	3,318	2,646	872	3,552	2,684	868
40 Atherosclerosis 440	530	444	86	529	443	86
41 Other diseases of arteries, arterioles, and capillaries 441-448	425	357	68	437	368	69
42 Acute bronchitis and bronchiolitis 466	11	10	1	13	12	1
43 Pneumonia and influenza 480-487	1,573	1,310	263	1,592	1,328	264
44 Chronic obstructive pulmonary diseases 490-496	1,599	1,399	200	1,630	1,435	195
45 Ulcer of stomach and duodenum 531-533	121	97	24	124	99	25
46 Appendicitis 540-543	11	7	4	10	6	4
47 Hernia & intestinal obstruction .. 550-553, 560	109	82	27	109	81	28
48 Chronic liver disease and cirrhosis 571	483	374	109	499	393	106
49 Cholelithiasis and other disorders of gall bladder 574-575	64	56	8	64	56	8
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	448	289	159	461	301	160
51 Infections of kidney 590	42	29	13	39	26	13
52 Hyperplasia of prostate 600	10	9	1	11	10	1
53 Complications of pregnancy, childbirth, and the puerperium 630-676	1	1		1	1	
54 Congenital anomalies 740-759	239	168	71	273	198	75
55 Certain conditions originating in the perinatal period 760-779	482	251	231	500	271	229
56 Symptoms and ill-defined conditions .. 780-799	505	365	140	524	379	145
57 All other diseases Residual	3,649	2,748	901	3,746	2,842	904
58 Accidents E800-E949	2,290	1,710	580	2,273	1,705	568
59 Motor vehicle accidents E810-E825	1,147	884	263	1,122	865	257
60 Home accidents (Home) E850-E949	389	269	120	394	272	122
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	754	557	197	757	568	189
62 Suicide E950-E959	820	714	106	810	706	104
63 Homicide and legal intervention E960-E978	447	200	247	458	219	239
64 Other external causes E980-E999	24	15	9	30	21	9

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 1

Cause of Death	Planning District 1			Lee		Scott		Wise		Norton	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,135	1,114	21	269	1	328	1	463	17	54	2
1 Shigellosis and amebiasis 004-006											
2 Certain other intestinal infections .. 007-009											
3 Tuberculosis, all forms 010-018	2	2				1		1			
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	14	14		4		5		3		2	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070	1	1		1							
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	2	2		1		1					
13 Malignant neoplasms 140-208	252	249	3	64		72		102	3	11	
14 Lip, oral cavity and pharynx 140-149	2	2						1			
15 Digestive organs and peritoneum 150-159	54	53	1	12		12		24	1	5	
16 Respiratory & intrathoracic organs .. 160-165	81	80	1	25		21		28	1	6	
17 Breast 174-175	24	24		4		8		12			
18 Genital organs 179-187	24	24		5		6		13			
19 Urinary organs 188-189	7	7				4		3			
20 Other & unspecified sites .. 170-173, 190-199	40	39	1	13		15		11	1		
21 Leukemia 204-208	7	7		1		4		2			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	13	13		3		2		8			
23 Benign neoplasms and neoplasms of unspecified nature 210-239	4	4				2		2			
24 Diabetes mellitus 250	19	16	3	2	1	5		8	2	1	
25 Nutritional deficiencies 260-269	2	2				1		1			
26 Anemias 280-285	2	2				1				1	
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	511	498	13	124		152	1	191	10	31	2
29 Diseases of heart 390-398, 402, 404-429	409	398	11	97		124	1	157	9	20	1
30 Rheumatic fever and rheumatic heart disease 390-398	1	1		1							
31 Hypertensive heart disease 402	4	4		1				3			
32 Hypertensive heart & renal disease ... 404											
33 Ischemic heart disease 410-414	292	285	7	67		96	1	107	5	15	1
34 Acute myocardial infarction 410	136	133	3	34		55	1	56	2	8	
35 Other ischemic heart disease ... 411-414	136	132	4	33		41		51	3	7	1
36 Other diseases of endocardium 424	1	1						1			
37 All other forms of heart disease 415-423, 425-429	111	107	4	28		28		46	4	3	
38 Hypertension 401, 403	5	5		1		3		1			
39 Cerebrovascular diseases. 430-438	80	79	1	21		20		29	1	9	
40 Atherosclerosis 440	9	9		4		2		3			
41 Other diseases of arteries, arterioles, and capillaries 441-448	8	7	1	1		3		1		2	1
42 Acute bronchitis and bronchiolitis 466	1	1				1					
43 Pneumonia and influenza 480-487	63	63		15		17		28		3	
44 Chronic obstructive pulmonary diseases 490-496	50	50		12		14		23		1	
45 Ulcer of stomach and duodenum 531-533	2	2		1				1			
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction .. 550-553, 560	5	5		1				4			
48 Chronic liver disease and cirrhosis 571	7	7		1		3		3			
49 Cholelithiasis and other disorders of gall bladder 574-575	3	3		2		1					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	6	6				1		4		1	
51 Infections of kidney 590	1	1						1			
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	3	3		1				2			
55 Certain conditions originating in the perinatal period 760-779	3	3		2		1					
56 Symptoms and ill-defined conditions .. 780-799	14	14		2		6		6			
57 All other diseases Residual	90	89	1	15		19		52	1	3	
58 Accidents E800-E949	50	50		13		17		20			
59 Motor vehicle accidents E810-E825	19	19		5		9		5			
60 Home accidents (Home) E850-E949	5	5				2		3			
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	26	26		8		6		12			
62 Suicide E950-E959	23	22	1	6		7		9	1		
63 Homicide and legal intervention E960-E978	5	5		2		1		2			
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 2

Cause of Death	Planning District 2			Buchanan		Dickenson		Russell		Tazewell	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,177	1,156	21	275		149	5	274	4	458	12
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections .. 007-009											
3 Tuberculosis, all forms 010-018	2	2		1						1	
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	11	10	1	1		3		3		3	1
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases											
..... Residual of 001-139	6	6		1				2		3	
13 Malignant neoplasms 140-208	254	248	6	59		35	3	50	2	104	1
14 Lip, oral cavity and pharynx 140-149	5	5		2		1		1		1	
15 Digestive organs and peritoneum 150-159	54	54		13		3		7		31	
16 Respiratory & intrathoracic organs . 160-165	91	86	5	17		17	3	19	1	33	1
17 Breast 174-175	15	15		7		1		2		5	
18 Genital organs 179-187	27	26	1	6		2		6	1	12	
19 Urinary organs 188-189	11	11		4				2		5	
20 Other & unspecified sites .. 170-173,190-199	30	30		7		6		10		7	
21 Leukemia 204-208	9	9		3		3		1		2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	12	12				2		2		8	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2	2				1				1	
24 Diabetes mellitus 250	20	20		8		1		1		10	
25 Nutritional deficiencies 260-269	1	1						1			
26 Anemias 280-285	1	1								1	
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	541	530	11	130		66	1	130	2	204	8
29 Diseases of heart 390-398,402,404-429	439	429	10	106		58	1	104	1	161	8
30 Rheumatic fever and rheumatic heart disease 390-398	1	1								1	
31 Hypertensive heart disease 402	7	5	2	1		1				3	2
32 Hypertensive heart & renal disease ... 404	2	2						1		1	
33 Ischemic heart disease 410-414	321	316	5	91		44	1	68	1	113	3
34 Acute myocardial infarction 410	196	193	3	66		30		32	1	65	2
35 Other ischemic heart disease ... 411-414	125	123	2	25		14	1	36		48	1
36 Other diseases of endocardium 424	6	6				2		2		2	
37 All other forms of heart disease	102	99	3	14		11		33		41	3
38 Hypertension 401,403	1	1								1	
39 Cerebrovascular diseases. 430-438	85	84	1	18		6		23	1	37	
40 Atherosclerosis 440	4	4		2				1		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	12	12		4		2		2		4	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	48	48		10		5		17		16	
44 Chronic obstructive pulmonary diseases 490-496	74	74		15		11		16		32	
45 Ulcer of stomach and duodenum 531-533	4	4		1				1		2	
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction .. 550-553,560	2	2						1		1	
48 Chronic liver disease and cirrhosis 571	12	12		1		1		2		8	
49 Cholelithiasis and other disorders of gall bladder 574-575	3	3		1		1				1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	17	15	2	5		2	1	4		4	1
51 Infections of kidney 590	1	1						1			
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	7	7				3				4	
55 Certain conditions originating in the perinatal period 760-779	4	4		2				1		1	
56 Symptoms and ill-defined conditions .. 780-799	5	5		1				1		3	
57 All other diseases Residual	86	86		21		9		23		33	
58 Accidents E800-E949	51	50	1	9		7		15		19	1
59 Motor vehicle accidents E810-E825	27	26	1	3		5		6		12	1
60 Home accidents (Home) E850-E949	5	5		1		1		1		2	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	19	19		5		1		8		5	
62 Suicide E950-E959	16	16		6		3		4		3	
63 Homicide and legal intervention E960-E978	7	7		3		1				3	
64 Other external causes E980-E999	2	2						1		1	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 3

Cause of Death	Planning District 3			Bland		Carroll		Grayson		Smyth	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,906	1,846	60	59		260	1	163	10	361	4
1 Shigellosis and amebiasis 004-006											
2 Certain other intestinal infections .. 007-009											
3 Tuberculosis, all forms 010-018	3	3		1							
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	18		1			2				2	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases											
..... Residual of 001-139	4	4				2				1	
13 Malignant neoplasms 140-208	408	399	9	13		50		42		90	1
14 Lip, oral cavity and pharynx 140-149	3	3		1				1		1	
15 Digestive organs and peritoneum 150-159	77	73	4	3		6		6		19	
16 Respiratory & intrathoracic organs . 160-165	116	113	3	3		16		19		29	
17 Breast 174-175	34	34				5		1		6	
18 Genital organs 179-187	51	51		2		7		6		7	
19 Urinary organs 188-189	18	17	1			3				5	1
20 Other & unspecified sites .. 170-173, 190-199	61	61		3		6		5		14	
21 Leukemia 204-208	23	23		1		3				3	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	25	24	1			4		4		6	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1	1								1	
24 Diabetes mellitus 250	33	31	2			6		2		5	
25 Nutritional deficiencies 260-269	2	2		1		1					
26 Anemias 280-285	5	5				3				1	
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	912	884	28	30		138		68	7	171	1
29 Diseases of heart 390-398, 402, 404-429	714	691	23	26		105		54	5	137	1
30 Rheumatic fever and rheumatic heart disease 390-398	3	3				1					
31 Hypertensive heart disease 402	16	14	2					1			
32 Hypertensive heart & renal disease 404	1	1									
33 Ischemic heart disease 410-414	473	458	15	20		61		33	4	88	
34 Acute myocardial infarction 410	309	302	7	9		45		27	3	66	
35 Other ischemic heart disease ... 411-414	164	156	8	11		16		6	1	22	
36 Other diseases of endocardium 424	11	11				3					
37 All other forms of heart disease 415-423, 425-429	210	204	6	6		40		20	1	49	1
38 Hypertension 401, 403	8	8		1						1	
39 Cerebrovascular diseases. 430-438	154	150	4	3		28		12	2	29	
40 Atherosclerosis 440	20	20				4					
41 Other diseases of arteries, arterioles, and capillaries 441-448	16	15	1			1		2		4	
42 Acute bronchitis and bronchiolitis 466	1	1									
43 Pneumonia and influenza 480-487	97	96	1	1		13		5		12	
44 Chronic obstructive pulmonary diseases 490-496	65	64	1	2		6		4		13	1
45 Ulcer of stomach and duodenum 531-533	11	11						1		4	
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction .. 550-553, 560	5	4	1					2	1	1	
48 Chronic liver disease and cirrhosis 571	19	18	1	2		1		2		1	
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1								1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	19	18	1			2		3		3	
51 Infections of kidney 590	1	1				1					
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	9	8	1			1		1		1	
55 Certain conditions originating in the perinatal period 760-779	15	14	1			2		2			
56 Symptoms and ill-defined conditions .. 780-799	27	26	1	1		2		1		5	
57 All other diseases Residual	127	118	9	5		15		16	2	22	
58 Accidents E800-E949	87	85	2	2		12	1	12		21	1
59 Motor vehicle accidents E810-E825	49	48	1	2		5	1	9		11	
60 Home accidents (Home) E850-E949	10	9	1			2		1		2	1
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	28	28				5		2		8	
62 Suicide E950-E959	25	24	1			1		2		6	
63 Homicide and legal intervention E960-E978	10	10		1		2					
64 Other external causes E980-E999	1	1									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 3 (continued)

Cause of Death	Washington		Wythe		Bristol		Galax	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	404	9	273	16	236	16	90	4
1 Shigellosis and amebiasis 004-006								
2 Certain other intestinal infections .. 007-009								
3 Tuberculosis, all forms 010-018					2			
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038	8		5	1				
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097								
12 Other infectious & parasitic diseases								
..... Residual of 001-139	1							
13 Malignant neoplasms 140-208	80	1	55	4	51	2	18	1
14 Lip, oral cavity and pharynx 140-149								
15 Digestive organs and peritoneum 150-159	12		9	2	12	2	6	
16 Respiratory & intrathoracic organs . 160-165	17		15	2	11		3	1
17 Breast 174-175	12		5		4		1	
18 Genital organs 179-187	12		8		5		4	
19 Urinary organs 188-189	2		3		2			
20 Other & unspecified sites .. 170-173,190-199	12		9		10		2	
21 Leukemia 204-208	11		1		2		2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	2	1	3		5			
23 Benign neoplasms and neoplasms of unspecified nature 210-239								
24 Diabetes mellitus 250	10		7		1	1		1
25 Nutritional deficiencies 260-269								
26 Anemias 280-285	1							
27 Meningitis 320-322								
28 Major cardiovascular diseases 390-448	180	7	127	5	125	6	45	2
29 Diseases of heart 390-398,402,404-429	143	6	102	4	91	5	33	2
30 Rheumatic fever and rheumatic heart disease 390-398			1		1			
31 Hypertensive heart disease 402	7	2	1		5			
32 Hypertensive heart & renal disease ... 404	1							
33 Ischemic heart disease 410-414	98	3	77	3	63	5	18	
34 Acute myocardial infarction 410	67	2	34	1	40	1	14	
35 Other ischemic heart disease ... 411-414	31	1	43	2	23	4	4	
36 Other diseases of endocardium 424	4				4			
37 All other forms of heart disease								
..... 415-423,425-429	33	1	23	1	18		15	2
38 Hypertension 401,403	1		4				1	
39 Cerebrovascular diseases. 430-438	25	1	16	1	30		7	
40 Atherosclerosis 440	8		4		1		3	
41 Other diseases of arteries, arterioles, and capillaries 441-448	3		1		3	1	1	
42 Acute bronchitis and bronchiolitis 466	31							
43 Pneumonia and influenza 480-487	31	1	9		15		10	
44 Chronic obstructive pulmonary diseases 490-496	21		7		10		1	
45 Ulcer of stomach and duodenum 531-533	2		2		2			
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction .. 550-553,560					1			
48 Chronic liver disease and cirrhosis 571	1		7	1	3		1	
49 Cholelithiasis and other disorders of gall bladder 574-575								
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4		5	1			1	
51 Infections of kidney 590								
52 Hyperplasia of prostate 600								
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759	3				1	1	1	
55 Certain conditions originating in the perinatal period 760-779	4		2	1	3		1	
56 Symptoms and ill-defined conditions .. 780-799	1		11	1			5	
57 All other diseases Residual	30		15	1	11	6	4	
58 Accidents E800-E949	17		14		6		1	
59 Motor vehicle accidents E810-E825	9		8		3		1	
60 Home accidents (Home) E850-E949	3		1					
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	5		5		3			
62 Suicide E950-E959	6		5	1	2		2	
63 Homicide and legal intervention E960-E978	3		2		2			
64 Other external causes E980-E999					1			

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 4

Cause of Death	Planning District 4			Floyd		Giles	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,097	1,028	69	122	3	169	6
1 Shigellosis and amebiasis 004-006							
2 Certain other intestinal infections .. 007-009	2	2					
3 Tuberculosis, all forms 010-018	1	1				1	
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	3	3		1		1	
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070							
11 Syphilis 090-097							
12 Other infectious & parasitic diseases							
..... Residual of 001-139	5	5		1			
13 Malignant neoplasms 140-208	245	232	13	18		40	2
14 Lip, oral cavity and pharynx 140-149	7	5	2			1	1
15 Digestive organs and peritoneum 150-159	54	52	2	3		11	
16 Respiratory & intrathoracic organs . 160-165	78	76	2	5		9	1
17 Breast 174-175	19	18	1	2		4	
18 Genital organs 179-187	24	23	1	4		5	
19 Urinary organs 188-189	13	12	1	1		2	
20 Other & unspecified sites .. 170-173,190-199	24	21	3	2		3	
21 Leukemia 204-208	10	9	1			2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	16	16		1		3	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2	2				1	
24 Diabetes mellitus 250	21	16	5	1	1	3	1
25 Nutritional deficiencies 260-269	4	3	1	1		2	
26 Anemias 280-285	3	3				1	
27 Meningitis 320-322	1	1				1	
28 Major cardiovascular diseases 390-448	512	483	29	56	2	69	
29 Diseases of heart 390-398,402,404-429	406	384	22	49	2	54	
30 Rheumatic fever and rheumatic heart disease 390-398	1	1					
31 Hypertensive heart disease 402	5	5		1			
32 Hypertensive heart & renal disease ... 404							
33 Ischemic heart disease 410-414	248	233	15	34	2	30	
34 Acute myocardial infarction 410	148	139	9	20	2	17	
35 Other ischemic heart disease ... 411-414	100	94	6	14		13	
36 Other diseases of endocardium 424	5	5		1		1	
37 All other forms of heart disease							
..... 415-423,425-429	147	140	7	13		23	
38 Hypertension 401,403	3	3				1	
39 Cerebrovascular diseases. 430-438	90	83	7	6		11	
40 Atherosclerosis 440	6	6		1		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	7	7				2	
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	43	42	1	8		9	
44 Chronic obstructive pulmonary diseases 490-496	32	32		3		11	
45 Ulcer of stomach and duodenum 531-533							
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction .. 550-553,560	1	1					
48 Chronic liver disease and cirrhosis 571	11	10	1	3		1	
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	8	8				1	
51 Infections of kidney 590	1		1				
52 Hyperplasia of prostate 600	1	1				1	
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	9	9		1		1	
55 Certain conditions originating in the perinatal period 760-779	2	2		1			
56 Symptoms and ill-defined conditions .. 780-799	14	11	3	1		3	
57 All other diseases Residual	90	82	8	11		16	
58 Accidents E800-E949	55	51	4	11		5	3
59 Motor vehicle accidents E810-E825	30	30		9		2	
60 Home accidents (Home) E850-E949	8	5	3	1			3
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	17	16	1	1		3	
62 Suicide E950-E959	26	24	2	5		2	
63 Homicide and legal intervention E960-E978	2	1	1				
64 Other external causes E980-E999	2	2					

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 4 (continued)

Cause of Death	Montgomery		Pulaski		Radford	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	336	21	312	28	89	11
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections .. 007-009	2					
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	1					
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases						
..... Residual of 001-139	2		2			
13 Malignant neoplasms 140-208	72	3	84	5	18	3
14 Lip, oral cavity and pharynx 140-149	3	1	1			
15 Digestive organs and peritoneum 150-159	18		16	2	4	
16 Respiratory & intrathoracic organs . 160-165	17		37	1	8	
17 Breast 174-175	6		5		1	1
18 Genital organs 179-187	6		6	1	2	
19 Urinary organs 188-189	6	1	2		1	
20 Other & unspecified sites .. 170-173,190-199	5		10	1	1	2
21 Leukemia 204-208	5	1	2			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	6		5		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1					
24 Diabetes mellitus 250	5		7	3		
25 Nutritional deficiencies 260-269		1				
26 Anemias 280-285			1		1	
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	166	7	148	15	44	5
29 Diseases of heart 390-398,402,404-429	138	4	109	11	34	5
30 Rheumatic fever and rheumatic heart disease 390-398	1					
31 Hypertensive heart disease 402	3				1	
32 Hypertensive heart & renal disease ... 404						
33 Ischemic heart disease 410-414	68	3	77	8	24	2
34 Acute myocardial infarction 410	36		48	6	18	1
35 Other ischemic heart disease ... 411-414	32	3	29	2	6	1
36 Other diseases of endocardium 424	1		2			
37 All other forms of heart disease						
..... 415-423,425-429	65	1	30	3	9	3
38 Hypertension 401,403	1				1	
39 Cerebrovascular diseases. 430-438	23	3	38	4	5	
40 Atherosclerosis 440	2		1		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	2				3	
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	12		8	1	5	
44 Chronic obstructive pulmonary diseases 490-496	9		6		3	
45 Ulcer of stomach and duodenum 531-533						
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction .. 550-553,560	1					
48 Chronic liver disease and cirrhosis 571	3		2		1	1
49 Cholelithiasis and other disorders of gall bladder 574-575			1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	5		1		1	
51 Infections of kidney 590		1				
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	2		3		2	
55 Certain conditions originating in the perinatal period 760-779			1			
56 Symptoms and ill-defined conditions .. 780-799	4	1	2	2	1	
57 All other diseases Residual	24	6	23	1	0	1
58 Accidents E800-E949	19		14	1	2	
59 Motor vehicle accidents E810-E825	10		8		1	
60 Home accidents (Home) E850-E949	2		2			
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	7		4	1	1	
62 Suicide E950-E959	7	1	7		3	1
63 Homicide and legal intervention E960-E978		1	1			
64 Other external causes E980-E999	1		1			

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 5

Cause of Death	Planning District 5			Alleghany		Botetourt		Craig		Roanoke	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	2,694	2,335	359	131	6	183	15	36		652	26
1 Shigellosis and amebiasis 004-006											
2 Certain other intestinal infections .. 007-009											
3 Tuberculosis, all forms 010-018	1	1									
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	32	29	3	1		2				9	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	6	6				1				1	
13 Malignant neoplasms 140-208	587	512	75	35	1	44	2	5		139	5
14 Lip, oral cavity and pharynx 140-149	11	8	3	1			1			2	
15 Digestive organs and peritoneum 150-159	131	106	25	1		15		1		27	2
16 Respiratory & intrathoracic organs . 160-165	195	179	16	13		9	1	3		45	2
17 Breast 174-175	40	38	2	6				1		15	
18 Genital organs 179-187	60	47	13	3		5				13	1
19 Urinary organs 188-189	25	23	2	3		2				6	
20 Other & unspecified sites .. 170-173,190-199	79	70	9	5	1	6				20	
21 Leukemia 204-208	18	15	3	2		1				3	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	28	26	2	1		6				8	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	9	9				2					
24 Diabetes mellitus 250	32	21	11	1		1		1		7	
25 Nutritional deficiencies 260-269	4	4								2	
26 Anemias 280-285	3	2	1							1	
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	1,295	1,123	172	61	2	85	10	21		320	13
29 Diseases of heart 390-398,402,404-429	1,040	907	133	53	2	70	8	18		249	10
30 Rheumatic fever and rheumatic heart disease 390-398	3	3								2	
31 Hypertensive heart disease 402	21	19	2	1						3	
32 Hypertensive heart & renal disease ... 404	6	4	2			1					
33 Ischemic heart disease 410-414	663	594	69	41	1	47	7	12		149	6
34 Acute myocardial infarction 410	291	262	29	18		22	2	6		63	2
35 Other ischemic heart disease ... 411-414	372	332	40	23	1	25	5	6		86	4
36 Other diseases of endocardium 424	14	14		2		1				2	
37 All other forms of heart disease 415-423,425-429	333	273	60	9	1	21	1	6		93	4
38 Hypertension 401,403	8	6	2			1				2	
39 Cerebrovascular diseases. 430-438	189	158	31	6		13	1	3		54	3
40 Atherosclerosis 440	30	28	2	2						11	
41 Other diseases of arteries, arterioles, and capillaries 441-448	28	24	4			1	1			4	
42 Acute bronchitis and bronchiolitis 466	1	1								1	
43 Pneumonia and influenza 480-487	93	84	9	3		6		3		25	
44 Chronic obstructive pulmonary diseases 490-496	96	89	7	6	1	6		1		18	
45 Ulcer of stomach and duodenum 531-533	12	10	2		1					2	
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction .. 550-553,560	5	4	1			1					
48 Chronic liver disease and cirrhosis 571	34	27	7		1	1	1			7	
49 Cholelithiasis and other disorders of gall bladder 574-575	5	5								2	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	19	18	1	2						9	
51 Infections of kidney 590	2	2									
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	14	13	1							7	
55 Certain conditions originating in the perinatal period 760-779	12	10	2			1				1	
56 Symptoms and ill-defined conditions .. 780-799	22	19	3	1		2				5	
57 All other diseases Residual	239	197	42	8		14	1	2		52	6
58 Accidents E800-E949	107	93	14	9		13	1	2		20	2
59 Motor vehicle accidents E810-E825	41	33	8	6		5	1			10	2
60 Home accidents (Home) E850-E949	33	28	5	1		2				5	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	33	32	1	2		6		2		5	
62 Suicide E950-E959	44	42	2	4		1		1		18	
63 Homicide and legal intervention E960-E978	20	14	6			3				6	
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 5 (continued)

Cause of Death	Clifton Forge		Covington		Roanoke City		Salem	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	82	15	73	17	944	268	234	12
1 Shigellosis and amebiasis 004-006								
2 Certain other intestinal infections .. 007-009								
3 Tuberculosis, all forms 010-018					1			
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038			3	1	10	2	4	
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097								
12 Other infectious & parasitic diseases								
..... Residual of 001-139					4			
13 Malignant neoplasms 140-208	14	4	17	6	205	55	53	2
14 Lip, oral cavity and pharynx 140-149					5	2		
15 Digestive organs and peritoneum 150-159	3	3	2	3	47	15	10	2
16 Respiratory & intrathoracic organs . 160-165	5		6	3	76	10	22	
17 Breast 174-175	1				12	2	3	
18 Genital organs 179-187	1	1	4		18	11	3	
19 Urinary organs 188-189			2		9	2	1	
20 Other & unspecified sites .. 170-173,190-199	3		2		26	8	8	
21 Leukemia 204-208	1				7	3	1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203			1		5	2	5	
23 Benign neoplasms and neoplasms of unspecified nature 210-239			1		6			
24 Diabetes mellitus 250	1	2		1	7	8	3	
25 Nutritional deficiencies 260-269					2			
26 Anemias 280-285					1	1		
27 Meningitis 320-322								
28 Major cardiovascular diseases 390-448	51	5	33	8	442	126	110	8
29 Diseases of heart 390-398,402,404-429	46	5	28	5	358	96	85	7
30 Rheumatic fever and rheumatic heart disease 390-398					1			
31 Hypertensive heart disease 402		1	3		9	1	3	
32 Hypertensive heart & renal disease ... 404	1				2	2		
33 Ischemic heart disease 410-414	31	3	19	3	239	45	56	4
34 Acute myocardial infarction 410	11	1	5	1	102	20	35	3
35 Other ischemic heart disease ... 411-414	20	2	14	2	137	25	21	1
36 Other diseases of endocardium 424			1		7		1	
37 All other forms of heart disease 415-423,425-429	14	1	5	2	100	48	25	3
38 Hypertension 401,403	1				2	2		
39 Cerebrovascular diseases. 430-438	4		4	2	54	24	20	1
40 Atherosclerosis 440					14	2	1	
41 Other diseases of arteries, arterioles, and capillaries 441-448			1	1	14	2	4	
42 Acute bronchitis and bronchiolitis 466								
43 Pneumonia and influenza 480-487	3		5		35	8	4	1
44 Chronic obstructive pulmonary diseases 490-496	1	2	3		43	4	11	
45 Ulcer of stomach and duodenum 531-533	1				4	1	3	
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction .. 550-553,560					2	1	1	
48 Chronic liver disease and cirrhosis 571	1		1		15	5	2	
49 Cholelithiasis and other disorders of gall bladder 574-575	1				2			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589			1		4	1	2	
51 Infections of kidney 590					2			
52 Hyperplasia of prostate 600								
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759			1		4	1	1	
55 Certain conditions originating in the perinatal period 760-779					6	2	2	
56 Symptoms and ill-defined conditions .. 780-799			1		7	3	3	
57 All other diseases Residual	7	1	4		86	33	24	1
58 Accidents E800-E949	1	1	2		37	10	9	
59 Motor vehicle accidents E810-E825	1	1			7	4	4	
60 Home accidents (Home) E850-E949			2		17	5	1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949					13	1	4	
62 Suicide E950-E959			1	1	15	1	2	
63 Homicide and legal intervention ... E960-E978	1				4	6		
64 Other external causes E980-E999								

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 6

Cause of Death	Planning District 6			Augusta		Bath		Highland		Rockbridge	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,953	1,822	131	407	31	55	6	26		142	7
1 Shigellosis and amebiasis 004-006											
2 Certain other intestinal infections .. 007-009											
3 Tuberculosis, all forms 010-018	1	1									
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	14	12	2	1				1		1	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases											
..... Residual of 001-139	5	4	1							1	
13 Malignant neoplasms 140-208	430	390	40	82	6	14	1	6		33	3
14 Lip, oral cavity and pharynx 140-149	5	5				1				1	
15 Digestive organs and peritoneum 150-159	92	84	8	13	3	2				8	2
16 Respiratory & intrathoracic organs . 160-165	121	111	10	24	2	3		4		7	
17 Breast 174-175	34	33	1	8		2				2	
18 Genital organs 179-187	55	45	10	2		3		2		6	1
19 Urinary organs 188-189	13	12	1	1	1					2	
20 Other & unspecified sites .. 170-173, 190-199	74	66	8	26			1			6	
21 Leukemia 204-208	8	7	1	1						1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	28	27	1	7		3					
23 Benign neoplasms and neoplasms of unspecified nature 210-239	6	6		2						1	
24 Diabetes mellitus 250	17	14	3	3						1	
25 Nutritional deficiencies 260-269	2	2		1							
26 Anemias 280-285											
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	924	865	59	199	15	28	2	12		63	4
29 Diseases of heart 390-398, 402, 404-429	684	639	45	146	11	22	1	7		49	4
30 Rheumatic fever and rheumatic heart disease 390-398	3	3		2							
31 Hypertensive heart disease 402	11	10	1	1				1		2	
32 Hypertensive heart & renal disease ... 404											
33 Ischemic heart disease 410-414	447	422	25	100	4	13		6		29	1
34 Acute myocardial infarction 410	267	253	14	52	2	7		6		16	
35 Other ischemic heart disease 411-414	180	169	11	48	2	6				13	1
36 Other diseases of endocardium 424	13	12	1	4	1						
37 All other forms of heart disease											
..... 415-423, 425-429	210	192	18	39	6	9	1			18	3
38 Hypertension 401, 403	5	5		1		1					
39 Cerebrovascular diseases. 430-438	187	174	13	34	4	4	1	5		11	
40 Atherosclerosis 440	30	30		11		1				2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	18	17	1	7						1	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	104	102	2	22	2	4		3		6	
44 Chronic obstructive pulmonary diseases 490-496	71	71		19		3		1		5	
45 Ulcer of stomach and duodenum 531-533	4	4									
46 Appendicitis 540-543	1	1		1							
47 Hernia & intestinal obstruction .. 550-553, 560	3	3									
48 Chronic liver disease and cirrhosis 571	13	13		3		1				1	
49 Cholelithiasis and other disorders of gall bladder 574-575	4	4									
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	19	14	5	2	2					1	
51 Infections of kidney 590	3	2	1	2	1						
52 Hyperplasia of prostate 600	1	1				1					
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	10	10		2				1			
55 Certain conditions originating in the perinatal period 760-779	11	11		5						2	
56 Symptoms and ill-defined conditions .. 780-799	23	22	1	1						2	
57 All other diseases Residual	158	148	10	26	5	1	2	2		11	
58 Accidents E800-E949	90	86	4	32		2	1			12	
59 Motor vehicle accidents E810-E825	40	38	2	16		2				7	
60 Home accidents (Home) E850-E949	12	12		1						1	
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	38	36	2	15			1			4	
62 Suicide E950-E959	29	27	2	3		1				1	
63 Homicide and legal intervention E960-E978	10	9	1	1						1	
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 6 (continued)

Cause of Death	Rockingham		Buena Vista		Harrison-burg		Lexington		Staunton		Waynes-boro	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	470	10	62	5	201	9	51	9	233	42	175	12
1 Shigellosis and amebiasis 004-006												
2 Certain other intestinal infections .. 007-009												
3 Tuberculosis, all forms 010-018					1							
4 Whooping cough 033												
5 Streptococcal sore throat, scarlatina and erysipelas 034-035												
6 Meningococcal infection 036												
7 Septicemia 038	5		1		1	1			1		2	
8 Acute poliomyelitis 045												
9 Measles 055												
10 Viral hepatitis 070												
11 Syphilis 090-097												
12 Other infectious & parasitic diseases Residual of 001-139												
13 Malignant neoplasms 140-208	91	3	12	3	54	1	9	3	50	14	39	6
14 Lip, oral cavity and pharynx 140-149					1				1		1	
15 Digestive organs and peritoneum 150-159	20		1		17		3	1	10	2	10	
16 Respiratory & intrathoracic organs .. 160-165	25	1	3		10		2	2	17	4	16	1
17 Breast 174-175	8	1	4		2		1		3		3	
18 Genital organs 179-187	14			2	9	1			4	6	5	
19 Urinary organs 188-189	4		2		1		1		1			
20 Other & unspecified sites .. 170-173,190-199	12	1	1	1	9		2		7	1	3	4
21 Leukemia 204-208	1				1				2	1	1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	7		1		4				5			1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1				1		1					
24 Diabetes mellitus 250	4				4				1	2	1	1
25 Nutritional deficiencies 260-269			1									
26 Anemias 280-285												
27 Meningitis 320-322												
28 Major cardiovascular diseases 390-448	221	6	27	2	83	4	22	5	117	16	93	5
29 Diseases of heart 390-398,402,404-429	159	6	20	2	68	3	14	3	85	12	69	3
30 Rheumatic fever and rheumatic heart disease 390-398	1											
31 Hypertensive heart disease 402	4				1					1	1	
32 Hypertensive heart & renal disease ... 404												
33 Ischemic heart disease 410-414	106	4	12	1	40	1	11	3	56	9	49	2
34 Acute myocardial infarction 410	73	4	8	1	30		6	3	24	3	31	1
35 Other ischemic heart disease ... 411-414	33		4		10	1	5		32	6	18	1
36 Other diseases of endocardium 424	1		1		1				4		1	
37 All other forms of heart disease 415-423,425-429	47	2	7	1	26	2	3		25	2	18	1
38 Hypertension 401,403	1						1		1			
39 Cerebrovascular diseases. 430-438	53		6		13	1	5	1	22	4	21	2
40 Atherosclerosis 440	6		1		2				5		2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	2						2	1	4		1	
42 Acute bronchitis and bronchiolitis 466												
43 Pneumonia and influenza 480-487	31		4		15		1		13		3	
44 Chronic obstructive pulmonary diseases 490-496	13		2		8		3		11		6	
45 Ulcer of stomach and duodenum 531-533	1		1								2	
46 Appendicitis 540-543												
47 Hernia & intestinal obstruction .. 550-553,560					1				1		1	
48 Chronic liver disease and cirrhosis 571	4				2				2			
49 Cholelithiasis and other disorders of gall bladder 574-575	3								1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	6					1	3		1	2	1	
51 Infections of kidney 590												
52 Hyperplasia of prostate 600												
53 Complications of pregnancy, childbirth, and the puerperium 630-676												
54 Congenital anomalies 740-759	2		1		1		1				2	
55 Certain conditions originating in the perinatal period 760-779	2				1				1			
56 Symptoms and ill-defined conditions .. 780-799	10				5		2	1	2			
57 All other diseases Residual	41	1	10		11	1	6		23	1	17	
58 Accidents E800-E949	21		2		5		3		5	3	4	
59 Motor vehicle accidents E810-E825	8		1		1				1	2	2	
60 Home accidents (Home) E850-E949	3				4				2		1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	10		1				3		2	1	1	
62 Suicide E950-E959	11				5	1			3	1	3	
63 Homicide and legal intervention E960-E978	2				2				2	1	1	
64 Other external causes E980-E999												

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 7

Cause of Death	Planning District 7			Clarke		Frederick	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,445	1,360	85	95	20	259	6
1 Shigellosis and amebiasis 004-006							
2 Certain other intestinal infections .. 007-009							
3 Tuberculosis, all forms 010-018	1	1					
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	6	5	1		1	2	
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070							
11 Syphilis 090-097							
12 Other infectious & parasitic diseases							
..... Residual of 001-139	8	8				3	
13 Malignant neoplasms 140-208	301	279	22	23	7	57	2
14 Lip, oral cavity and pharynx 140-149	3	3				2	
15 Digestive organs and peritoneum 150-159	59	51	8	6	3	8	1
16 Respiratory & intrathoracic organs . 160-165	105	96	9	7	2	19	1
17 Breast 174-175	25	22	3	1	1	6	
18 Genital organs 179-187	22	21	1	2	1	4	
19 Urinary organs 188-189	12	12		1		2	
20 Other & unspecified sites .. 170-173,190-199	45	45		3		10	
21 Leukemia 204-208	13	12	1	1		3	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	17	17		2		3	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	5	4	1	1			
24 Diabetes mellitus 250	20	17	3	2		3	
25 Nutritional deficiencies 260-269	4	4				1	
26 Anemias 280-285	4	4					
27 Meningitis 320-322	1	1					
28 Major cardiovascular diseases 390-448	694	659	35	46	7	118	1
29 Diseases of heart 390-398,402,404-429	570	543	27	42	5	100	1
30 Rheumatic fever and rheumatic heart disease 390-398	9	7	2			1	
31 Hypertensive heart disease 402	11	10	1		1	2	
32 Hypertensive heart & renal disease ... 404	2	2				1	
33 Ischemic heart disease 410-414	341	329	12	18	4	52	1
34 Acute myocardial infarction 410	172	166	6	9	2	20	1
35 Other ischemic heart disease ... 411-414	169	163	6	9	2	32	
36 Other diseases of endocardium 424	6	6				2	
37 All-other forms of heart disease							
..... 415-423,425-429	201	189	12	24		42	
38 Hypertension 401,403	3	3				2	
39 Cerebrovascular diseases. 430-438	94	87	7	2	2	13	
40 Atherosclerosis 440	12	12		1			
41 Other diseases of arteries, arterioles, and capillaries 441-448	15	14	1	1		3	
42 Acute bronchitis and bronchiolitis 466	2	2				1	
43 Pneumonia and influenza 480-487	46	43	1	3	1	6	
44 Chronic obstructive pulmonary diseases 490-496	42	40	2	6		5	
45 Ulcer of stomach and duodenum 531-533	5	5				2	
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction .. 550-553,560	2	2					
48 Chronic liver disease and cirrhosis 571	22	21	1	2		4	
49 Cholelithiasis and other disorders of gall bladder 574-575	2	2				1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	17	17				3	
51 Infections of kidney 590	2	2		1			
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	8	8				2	
55 Certain conditions originating in the perinatal period 760-779	5	5				1	
56 Symptoms and ill-defined conditions .. 780-799	24	22	2			7	
57 All other diseases Residual	115	105	10	7	2	15	3
58 Accidents E800-E949	77	71	6	3	2	17	
59 Motor vehicle accidents E810-E825	39	34	5	3	2	12	
60 Home accidents (Home) E850-E949	8	8				1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	30	29	1			4	
62 Suicide E950-E959	26	26				10	
63 Homicide and legal intervention E960-E978	7	6	1	1		1	
64 Other external causes E980-E999	1	1					

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 7 (continued)

Cause of Death	Page		Shenandoah		Warren		Winchester	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	194	7	362	7	213	16	237	29
1 Shigellosis and amebiasis 004-006								
2 Certain other intestinal infections .. 007-009								
3 Tuberculosis, all forms 010-018	1							
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038	1		1				1	
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097								
12 Other infectious & parasitic diseases								
..... Residual of 001-139	2				2		1	
13 Malignant neoplasms 140-208	37	3	81	2	36	4	45	4
14 Lip, oral cavity and pharynx 140-149			1					
15 Digestive organs and peritoneum 150-159	4	1	22	1	4	1	7	1
16 Respiratory & intrathoracic organs . 160-165	15	1	22	1	13	2	20	2
17 Breast 174-175	1		7		3	1	4	1
18 Genital organs 179-187	5		5		3		2	
19 Urinary organs 188-189	1		4		3		1	
20 Other & unspecified sites .. 170-173, 190-199	6		10		8		8	
21 Leukemia 204-208	2	1	4		1		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	3		6		1		2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239					1		2	1
24 Diabetes mellitus 250	3		7		1	2	1	1
25 Nutritional deficiencies 260-269	2		1					
26 Anemias 280-285	2		2					
27 Meningitis 320-322			1					
28 Major cardiovascular diseases 390-448	87	3	180	3	103	7	125	14
29 Diseases of heart 390-398, 402, 404-429	72	3	138	1	85	7	106	10
30 Rheumatic fever and rheumatic heart disease 390-398			2		2	2	2	
31 Hypertensive heart disease 402	1		2		2		3	
32 Hypertensive heart & renal disease ... 404							1	
33 Ischemic heart disease 410-414	53	1	77		62	3	67	3
34 Acute myocardial infarction 410	29	1	49		26		33	2
35 Other ischemic heart disease ... 411-414	24		28		36	3	34	1
36 Other diseases of endocardium 424	1		2		1			
37 All other forms of heart disease								
..... 415-423, 425-429	17	2	55	1	18	2	33	7
38 Hypertension 401, 403			1					
39 Cerebrovascular diseases. 430-438	12		31	2	14		15	3
40 Atherosclerosis 440	1		7		1		2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	2		3		3		2	1
42 Acute bronchitis and bronchiolitis 466					1			
43 Pneumonia and influenza 480-487	7		10		6		11	
44 Chronic obstructive pulmonary diseases 490-496	6		9	1	5		9	1
45 Ulcer of stomach and duodenum 531-533					2		1	
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction .. 550-553, 560			1		1			
48 Chronic liver disease and cirrhosis 571	3	1	7		3		2	
49 Cholelithiasis and other disorders of gall bladder 574-575			1					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	5		4		1		4	
51 Infections of kidney 590							1	
52 Hyperplasia of prostate 600								
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759					2		4	
55 Certain conditions originating in the perinatal period 760-779	1		2		1			
56 Symptoms and ill-defined conditions .. 780-799	3		7	1	2		3	1
57 All other diseases Residual	16		25		27	1	15	4
58 Accidents E800-E949	11		16		14	2	10	2
59 Motor vehicle accidents E810-E825	5		4		4	1	6	2
60 Home accidents (Home) E850-E949			4				3	
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	6		8		10	1	1	
62 Suicide E950-E959	6		6		2		2	
63 Homicide and legal intervention E960-E978	1		1		2			1
64 Other external causes E980-E999					1			

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 8

Cause of Death	Planning District 8			Arlington		Fairfax		Loudoun		Prince William	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	6,406	5,700	706	1,059	123	2,785	252	349	55	525	71
1 Shigellosis and amebiasis 004-006											
2 Certain other intestinal infections .. 007-009											
3 Tuberculosis, all forms 010-018	7	2	5	1		1	1				1
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	66	60	6	16	1	29	3	2		5	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070	5	4	1			2					
11 Syphilis 090-097											
12 Other infectious & parasitic diseases											
..... Residual of 001-139	42	35	7	8		20	3			2	1
13 Malignant neoplasms 140-208	1,700	1,505	195	270	43	770	63	93	15	146	11
14 Lip, oral cavity and pharynx 140-149	23	20	3	4	2	6		1		1	
15 Digestive organs and peritoneum 150-159	404	343	61	59	9	179	18	25	5	23	6
16 Respiratory & intrathoracic organs . 160-165	490	447	43	70	11	211	12	37	4	60	1
17 Breast 174-175	173	152	21	32	7	76	8	9		12	
18 Genital organs 179-187	192	170	22	35	4	92	8	9	1	13	1
19 Urinary organs 188-189	51	47	4	10		24	2	2		3	
20 Other & unspecified sites .. 170-173, 190-199	223	195	28	30	6	108	11	7	3	24	1
21 Leukemia 204-208	48	45	3	6		32	1		1	2	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	96	86	10	24	4	42	3	3	1	8	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	29	25	4	5	1	11	2	2		2	
24 Diabetes mellitus 250	86	73	13	7	3	43	1	3	2	8	2
25 Nutritional deficiencies 260-269	8	8		1		3		2			
26 Anemias 280-285	10	7	3	1	1	4	1	1			1
27 Meningitis 320-322	2	2			1	1					
28 Major cardiovascular diseases 390-448	2,566	2,320	246	446	39	1,133	80	139	31	181	27
29 Diseases of heart 390-398, 402, 404-429	1,941	1,745	196	322	35	853	59	112	25	144	22
30 Rheumatic fever and rheumatic heart disease 390-398	18	16	2	2		7	1	1		2	
31 Hypertensive heart disease 402	44	30	14	7	4	14	4	1	1	2	2
32 Hypertensive heart & renal disease ... 404	4	4		2							
33 Ischemic heart disease 410-414	1,160	1,056	104	201	21	511	30	84	16	92	15
34 Acute myocardial infarction 410	489	441	48	72	11	216	12	34	9	40	7
35 Other ischemic heart disease 411-414	671	615	56	129	10	295	18	50	7	52	8
36 Other diseases of endocardium 424	37	35	2	10		16	1	1		2	
37 All other forms of heart disease											
..... 415-423, 425-429	678	604	74	100	10	305	23	25	8	46	5
38 Hypertension 401, 403	19	16	3	2	1	8			1	2	
39 Cerebrovascular diseases. 430-438	431	388	43	85	3	184	20	17	4	27	5
40 Atherosclerosis 440	100	98	2	26		49	1	3	1	6	
41 Other diseases of arteries, arterioles, and capillaries 441-448	75	73	2	11		39		7		2	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	189	175	14	43	2	60	5	12	2	15	2
44 Chronic obstructive pulmonary diseases 490-496	223	207	16	38	1	96	9	19		19	1
45 Ulcer of stomach and duodenum 531-533	15	13	2	1		8	2				
46 Appendicitis 540-543	1	1						1			
47 Hernia & intestinal obstruction .. 550-553, 560	13	13		3		6				1	
48 Chronic liver disease and cirrhosis 571	82	73	9	17	3	36	1	5		9	
49 Cholelithiasis and other disorders of gall bladder 574-575	5	4	1			4					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	66	53	13	9	2	26	5	1		4	2
51 Infections of kidney 590	2	2						2			
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	53	47	6	8		20	4	7		7	1
55 Certain conditions originating in the perinatal period 760-779	93	64	29	7	6	28	15	6		15	3
56 Symptoms and ill-defined conditions .. 780-799	86	70	16	10	3	41	7	3	1	10	1
57 All other diseases Residual	513	466	47	104	7	192	21	25	2	38	3
58 Accidents E800-E949	329	285	44	36	5	153	14	17	2	35	12
59 Motor vehicle accidents E810-E825	164	144	20	15		76	7	9	2	23	6
60 Home accidents (Home) E850-E949	53	46	7	5		27	3	1		5	3
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	112	95	17	16	5	50	4	7		7	3
62 Suicide E950-E959	154	137	17	19	1	73	10	7		21	2
63 Homicide and legal intervention E960-E978	52	42	10	7	4	23	4	1		6	1
64 Other external causes E980-E999	9	9		2		3		1		1	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OF COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 8 (continued)

Cause of Death	Alexandria		Fairfax City		Falls Church		Manassas		Manassas Park	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	659	176	133	13	63	2	94	12	33	2
1 Shigellosis and amebiasis 004-006										
2 Certain other intestinal infections .. 007-009										
3 Tuberculosis, all forms 010-018		3								
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036										
7 Septicemia 038	4	1	4							1
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070	1	1	1							
11 Syphilis 090-097										
12 Other infectious & parasitic diseases Residual of 001-139	4	3	1							
13 Malignant neoplasms 140-208	147	53	27	5	22		23	4	7	1
14 Lip, oral cavity and pharynx 140-149	6	1					2			
15 Digestive organs and peritoneum 150-159	31	22	10		9		6	1	1	
16 Respiratory & intrathoracic organs . 160-165	52	12	5	2	3		5	1	4	
17 Breast 174-175	14	6	3		2		4			
18 Genital organs 179-187	16	6	4		1			1		1
19 Urinary organs 188-189	4	1	1				2	1	1	
20 Other & unspecified sites .. 170-173,190-199	17	5	1	2	5		3			
21 Leukemia 204-208	1		1		1		1		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	6		2	1	1					
23 Benign neoplasms and neoplasms of unspecified nature 210-239	3	1	2							
24 Diabetes mellitus 250	7	4	1	1			3		1	
25 Nutritional deficiencies 260-269	1		1							
26 Anemias 280-285	1									
27 Meningitis 320-322										
28 Major cardiovascular diseases 390-448	289	61	58	3	25	1	35	4	14	
29 Diseases of heart 390-398,402,404-429	220	51	40	2	17		24	2	13	
30 Rheumatic fever and rheumatic heart disease 390-398	4	1								
31 Hypertensive heart disease 402	2	2	4	1						
32 Hypertensive heart & renal disease ... 404	2									
33 Ischemic heart disease 410-414	16	19	19	1	10		15	2	8	
34 Acute myocardial infarction 410	49	8	11	1	6		7		6	
35 Other ischemic heart disease ... 411-414	67	11	8		4		8	2	2	
36 Other diseases of endocardium 424	4	1					2			
37 All other forms of heart disease 415-423,425-429	92	28	17		7		7		5	
38 Hypertension 401,403	4					1				
39 Cerebrovascular diseases. 430-438	48	9	11	1	7		8	1	1	
40 Atherosclerosis 440	10		4							
41 Other diseases of arteries, arterioles, and capillaries 441-448	7	1	3		1		3	1		
42 Acute bronchitis and bronchiolitis 466										
43 Pneumonia and influenza 480-487	32	1	4	1	3		5	1	1	
44 Chronic obstructive pulmonary diseases 490-496	21	4	7		3		4	1		
45 Ulcer of stomach and duodenum 531-533	3		1							
46 Appendicitis 540-543										
47 Hernia & intestinal obstruction .. 550-553,560	3									
48 Chronic liver disease and cirrhosis 571	6	5								
49 Cholelithiasis and other disorders of gall bladder 574-575		1								
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	10	3	1		2			1		
51 Infections of kidney 590										
52 Hyperplasia of prostate 600										
53 Complications of pregnancy, childbirth, and the puerperium 630-676										
54 Congenital anomalies 740-759	3			1			2			
55 Certain conditions originating in the perinatal period 760-779	6	4	1			1	1			
56 Symptoms and ill-defined conditions .. 780-799	6	4								
57 All other diseases Residual	69	12	14	1	6		16	1	2	
58 Accidents E800-E949	27	10	5	1	2		5		5	
59 Motor vehicle accidents E810-E825	13	4	3	1			4		1	
60 Home accidents (Home) E850-E949	7	1	1							
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	7	5	1		2		1		4	
62 Suicide E950-E959	9	4	5							
63 Homicide and legal intervention E960-E978	5	1							3	
64 Other external causes E980-E999	2									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 9

Cause of Death	Planning District 9			Culpeper		Fauquier	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	981	791	190	211	53	233	69
1 Shigellosis and amebiasis 004-006							
2 Certain other intestinal infections .. 007-009							
3 Tuberculosis, all forms 010-018	1		1				
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	9	7	2	2		2	1
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070	1	1		1			
11 Syphilis 090-097							
12 Other infectious & parasitic diseases							
..... Residual of 001-139	6	3	3		1		1
13 Malignant neoplasms 140-208	219	181	38	48	11	51	10
14 Lip, oral cavity and pharynx 140-149	4	4		1		2	
15 Digestive organs and peritoneum 150-159	46	41	5	12	2	9	
16 Respiratory & intrathoracic organs . 160-165	63	50	13	13	3	15	4
17 Breast 174-175	19	17	2	4		6	1
18 Genital organs 179-187	25	17	8	3	4	5	2
19 Urinary organs 188-189	5	5		1		1	
20 Other & unspecified sites .. 170-173,190-199	31	24	7	6	2	6	1
21 Leukemia 204-208	4	4		1		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	22	19	3	7		6	2
23 Benign neoplasms and neoplasms of unspecified nature 210-239	5	5		1			
24 Diabetes mellitus 250	19	11	8	4	2	3	6
25 Nutritional deficiencies 260-269	3	2	1	1	1		
26 Anemias 280-285	4	2	2	1	2		
27 Meningitis 320-322	2	2		1		1	
28 Major cardiovascular diseases 390-448	409	333	76	86	21	95	28
29 Diseases of heart 390-398,402,404-429	317	266	51	61	12	81	19
30 Rheumatic fever and rheumatic heart disease 390-398	2		2				1
31 Hypertensive heart disease 402	6	4	2	1	1		
32 Hypertensive heart & renal disease ... 404							
33 Ischemic heart disease 410-414	201	173	28	44	8	48	11
34 Acute myocardial infarction 410	112	101	11	21	2	28	5
35 Other ischemic heart disease ... 411-414	89	72	17	23	6	20	6
36 Other diseases of endocardium 424	5	4	1	2			
37 All other forms of heart disease 415-423,425-429	103	85	18	14	3	33	7
38 Hypertension 401,403	1		1		1		
39 Cerebrovascular diseases. 430-438	81	58	23	25	8	9	9
40 Atherosclerosis 440	3	2	1			1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	7	7				4	
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	36	31	5	5		7	3
44 Chronic obstructive pulmonary diseases 490-496	29	23	6	9	2	5	4
45 Ulcer of stomach and duodenum 531-533	3	3		1		1	
46 Appendicitis 540-543	1	1				1	
47 Hernia & intestinal obstruction .. 550-553,560	3	3				3	
48 Chronic liver disease and cirrhosis 571	9	8	1	3		2	1
49 Cholelithiasis and other disorders of gall bladder 574-575	3	3					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	9	9		2		2	
51 Infections of kidney 590	4	2	2	1		1	1
52 Hyperplasia of prostate 600	2	2		1			
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	3	3				2	
55 Certain conditions originating in the perinatal period 760-779	11	8	3	3		3	2
56 Symptoms and ill-defined conditions .. 780-799	6	3	3	1	1	1	2
57 All other diseases Residual	93	81	12	27	2	25	5
58 Accidents E800-E949	67	43	24	9	9	15	4
59 Motor vehicle accidents E810-E825	37	23	14	6	5	5	2
60 Home accidents (Home) E850-E949	9	6	3	1	1	4	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	21	14	7	2	3	6	1
62 Suicide E950-E959	19	18	1	4	1	11	
63 Homicide and legal intervention E960-E978	5	3	2			2	1
64 Other external causes E980-E999							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 9 (continued)

Cause of Death	Madison		Orange		Rappahannock	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	74	22	205	36	68	10
1 Shigellosis and amebiasis 004-006						
2 Certain other intestinal infections .. 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033				1		
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038			3	1		
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139			2	1	1	
13 Malignant neoplasms 140-208	21	5	49	9	12	3
14 Lip, oral cavity and pharynx 140-149			1			
15 Digestive organs and peritoneum 150-159	3	1	14	2	3	
16 Respiratory & intrathoracic organs . 160-165	6	3	11	2	5	1
17 Breast 174-175	2	1	5			
18 Genital organs 179-187	2		6	1	1	1
19 Urinary organs 188-189			1		2	
20 Other & unspecified sites .. 170-173, 190-199	4		7	3	1	1
21 Leukemia 204-208	1		1			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	3		3	1		
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1		3			
24 Diabetes mellitus 250			4			
25 Nutritional deficiencies 260-269			1			
26 Anemias 280-285	1					
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	30	8	85	15	37	4
29 Diseases of heart 390-398, 402, 404-429	24	6	70	13	30	1
30 Rheumatic fever and rheumatic heart disease 390-398		1				
31 Hypertensive heart disease 402			3	1		
32 Hypertensive heart & renal disease ... 404						
33 Ischemic heart disease 410-414	20	4	50	5	11	
34 Acute myocardial infarction 410	16	2	27	2	9	
35 Other ischemic heart disease ... 411-414	4	2	23	3	2	
36 Other diseases of endocardium 424				1	2	
37 All other forms of heart disease 415-423, 425-429	4	1	17	6	17	1
38 Hypertension 401, 403						
39 Cerebrovascular diseases, ... 430-438	5	2	13	2	6	2
40 Atherosclerosis 440	1					1
41 Other diseases of arteries, arterioles, and capillaries 441-448			2		1	
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	5		11		3	2
44 Chronic obstructive pulmonary diseases 490-496	2		6		1	
45 Ulcer of stomach and duodenum 531-533			1			
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction .. 550-553, 560						
48 Chronic liver disease and cirrhosis 571			2		1	
49 Cholelithiasis and other disorders of gall bladder 574-575	2		1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589			3		2	
51 Infections of kidney 590		1			1	
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759			1			
55 Certain conditions originating in the perinatal period 760-779			2	1		
56 Symptoms and ill-defined conditions .. 780-799			1			
57 All other diseases Residual	6	2	19	3	4	
58 Accidents E800-E949	5	5	9	5	5	1
59 Motor vehicle accidents E810-E825	4	3	5	3	3	1
60 Home accidents (Home) E850-E949		1			1	
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	1	1	4	2	1	
62 Suicide E950-E959	1		2			
63 Homicide and legal intervention E960-E978		1			1	
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 10

Cause of Death	Planning District 10			Albemarle		Fluvanna		Greene	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,266	968	298	303	65	63	28	56	3
1 Shigellosis and amebiasis 004-006									
2 Certain other intestinal infections .. 007-009	1	1							
3 Tuberculosis, all forms 010-018	2	1	1						
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	22	11	11	2	3		1		
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	6	5	1	3		1			
13 Malignant neoplasms 140-208	281	217	64	82	15	8	6	11	1
14 Lip, oral cavity and pharynx 140-149	6	5	1	1	1				
15 Digestive organs and peritoneum 150-159	60	44	16	17	4		2	4	
16 Respiratory & intrathoracic organs . 160-165	88	71	17	26	7	4		4	1
17 Breast 174-175	19	16	3	7	1	3		1	
18 Genital organs 179-187	28	17	11	7	1		3		
19 Urinary organs 188-189	10	7	3	3					
20 Other & unspecified sites .. 170-173, 190-199	41	33	8	8	1	1	1	1	
21 Leukemia 204-208	10	7	3	6					
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	19	17	2	7				1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	3	2	1		1			1	
24 Diabetes mellitus 250	19	11	8	7	2				
25 Nutritional deficiencies 260-269									
26 Anemias 280-285	4	4		2					
27 Meningitis 320-322	2	2							
28 Major cardiovascular diseases 390-448	586	451	135	125	32	36	14	26	2
29 Diseases of heart 390-398, 402, 404-429	407	318	89	97	20	24	8	15	
30 Rheumatic fever and rheumatic heart disease 390-398	8	6	2	4					
31 Hypertensive heart disease 402	4	4		3					
32 Hypertensive heart & renal disease ... 404									
33 Ischemic heart disease 410-414	271	215	56	61	14	17	6	10	
34 Acute myocardial infarction 410	180	141	39	37	9	10	3	7	
35 Other ischemic heart disease ... 411-414	91	74	17	24	5	7	3	3	
36 Other diseases of endocardium 424	1	1		1					
37 All other forms of heart disease 415-423, 425-429	123	92	31	28	6	7	2	5	
38 Hypertension 401, 403	9	2	7		1				
39 Cerebrovascular diseases. 430-438	130	98	32	21	8	11	4	10	2
40 Atherosclerosis 440	32	25	7	5	3	1	2	1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	8	8		2					
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	48	42	6	9	3	3		3	
44 Chronic obstructive pulmonary diseases 490-496	38	35	3	10		1	1	3	
45 Ulcer of stomach and duodenum 531-533	5	4	1	1					
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction .. 550-553, 560	4	3	1	1		1			
48 Chronic liver disease and cirrhosis 571	10	9	1	1		1			
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1		1					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	9	5	4	3	1				
51 Infections of kidney 590									
52 Hyperplasia of prostate 600	1		1						
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	5	3	2	2				1	
55 Certain conditions originating in the perinatal period 760-779	7	4	3		1		1		
56 Symptoms and ill-defined conditions .. 780-799	7	6	1	3				2	
57 All other diseases Residual	104	81	23	24	2	7	3	2	
58 Accidents E800-E949	64	43	21	15	2	2	1	5	
59 Motor vehicle accidents E810-E825	39	29	10	10	1	1		4	
60 Home accidents (Home) E850-E949	6	3	3			1			
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	19	11	8	5	1		1	1	
62 Suicide E950-E959	27	23	4	10	2	3	1	1	
63 Homicide and legal intervention E960-E978	10	4	6	2	1			1	
64 Other external causes E980-E999									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 10 (continued)

Cause of Death	Louisa		Nelson		Charlottesville	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	123	75	108	31	315	96
1 Shigellosis and amebiasis 004-006						
2 Certain other intestinal infections .. 007-009			1			
3 Tuberculosis, all forms 010-018	1	1				
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	2	3		1	7	3
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases						
..... Residual of 001-139					1	1
13 Malignant neoplasms 140-208	24	11	25	6	67	25
14 Lip, oral cavity and pharynx 140-149			1		3	
15 Digestive organs and peritoneum 150-159	8	1	5	2	10	7
16 Respiratory & intrathoracic organs . 160-165	7	4	8		22	5
17 Breast 174-175	1				4	2
18 Genital organs 179-187	2	2	3		5	5
19 Urinary organs 188-189	2		1	2	1	1
20 Other & unspecified sites .. 170-173,190-199	4	2	5	2	14	2
21 Leukemia 204-208		2			1	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203			2		7	2
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1					
24 Diabetes mellitus 250	2	2	1		1	4
25 Nutritional deficiencies 260-269						
26 Anemias 280-285	1				1	
27 Meningitis 320-322					2	
28 Major cardiovascular diseases 390-448	56	30	62	19	146	38
29 Diseases of heart 390-398,402,404-429	39	21	49	13	94	27
30 Rheumatic fever and rheumatic heart disease 390-398				2	2	
31 Hypertensive heart disease 402	1					
32 Hypertensive heart & renal disease ... 404						
33 Ischemic heart disease 410-414	29	13	33	8	65	15
34 Acute myocardial infarction 410	18	9	29	5	40	13
35 Other ischemic heart disease ... 411-414	11	4	4	3	25	2
36 Other diseases of endocardium 424						
37 All other forms of heart disease						
..... 415-423,425-429	9	8	16	3	27	12
38 Hypertension 401,403	1	2			1	4
39 Cerebrovascular diseases. 430-438	13	6	11	6	32	6
40 Atherosclerosis 440	3	1	1		14	1
41 Other diseases of arteries, arterioles, and capillaries 441-448			1		5	
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	6		2		19	3
44 Chronic obstructive pulmonary diseases 490-496	3	1	2		16	1
45 Ulcer of stomach and duodenum 531-533	1	1			2	
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction .. 550-553,560		1	1			
48 Chronic liver disease and cirrhosis 571	1		1	1	5	
49 Cholelithiasis and other disorders of gall bladder 574-575						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	1				1	3
51 Infections of kidney 590						
52 Hyperplasia of prostate 600				1		
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759		1		1		
55 Certain conditions originating in the perinatal period 760-779	2	1	1		1	
56 Symptoms and ill-defined conditions .. 780-799		1			1	
57 All other diseases Residual	14	8	6	1	28	9
58 Accidents E800-E949	5	12	3		13	6
59 Motor vehicle accidents E810-E825	4	7			10	2
60 Home accidents (Home) E850-E949		1	1		1	2
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	1	4	2		2	2
62 Suicide E950-E959	3	1	2		4	
63 Homicide and legal intervention E960-E978		1	1	1		3
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT II

Cause of Death	Planning District II			Amherst		Appomattox		Bedford	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,883	1,506	377	192	49	79	31	287	34
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections .. 007-009									
3 Tuberculosis, all forms 010-018									
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	11	11		1		1		1	
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139									
13 Malignant neoplasms 140-208	417	336	81	49	11	18	5	63	4
14 Lip, oral cavity and pharynx 140-149	7	6	1			1			
15 Digestive organs and peritoneum 150-159	101	74	27	10	5	2	2	21	3
16 Respiratory & intrathoracic organs . 160-165	124	102	22	16	3	6	1	13	
17 Breast 174-175	40	32	8	5		2	1	6	
18 Genital organs 179-187	46	33	13	3	2			7	
19 Urinary organs 188-189	19	16	3	3	1	2		3	
20 Other & unspecified sites .. 170-173,190-199	51	49	2	9		3		10	1
21 Leukemia 204-208	13	10	3			2	1	2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	16	14	2	3				1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	7	6	1	2	1			1	
24 Diabetes mellitus 250	28	20	8	1		1	1	7	1
25 Nutritional deficiencies 260-269	3	2	1				1		
26 Anemias 280-285	2	1	1						
27 Meningitis 320-322	2	2		1					
28 Major cardiovascular diseases 390-448	901	717	184	80	26	31	18	147	17
29 Diseases of heart 390-398,402,404-429	675	536	139	64	21	23	14	106	12
30 Rheumatic fever and rheumatic heart disease 390-398	4	3	1	1	1			1	
31 Hypertensive heart disease 402	21	10	11	1			2	2	1
32 Hypertensive heart & renal disease ... 404	6	2	4		1				
33 Ischemic heart disease 410-414	425	350	75	41	15	19	9	63	3
34 Acute myocardial infarction 410	243	204	39	31	10	14	5	31	2
35 Other ischemic heart disease ... 411-414	182	146	36	10	5	5	4	32	1
36 Other diseases of endocardium 424	5	3	2	1					1
37 All other forms of heart disease 415-423,425-429	214	168	46	20	4	4	3	40	7
38 Hypertension 401,403	5	3	2			1		1	
39 Cerebrovascular diseases. 430-438	178	142	36	11	3	4	4	30	4
40 Atherosclerosis 440	18	15	3	2	2	1		7	
41 Other diseases of arteries, arterioles, and capillaries 441-448	25	21	4	3		2		3	1
42 Acute bronchitis and bronchiolitis 466	1	1						1	
43 Pneumonia and influenza 480-487	46	43	3	10		3		3	1
44 Chronic obstructive pulmonary diseases 490-496	70	58	12	6		3	1	5	1
45 Ulcer of stomach and duodenum 531-533	5	4	1	1		1		1	
46 Appendicitis 540-543	1	1		1					
47 Hernia & intestinal obstruction .. 550-553,560	5	4	1					3	
48 Chronic liver disease and cirrhosis 571	25	22	3	7		2		3	2
49 Cholelithiasis and other disorders of gall bladder 574-575	3	2	1	1					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	13	10	3	1	1	1			1
51 Infections of kidney 590	1	1							
52 Hyperplasia of prostate 600	1	1							
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	12	9	3	2				2	1
55 Certain conditions originating in the perinatal period 760-779	8	5	3	1			1		
56 Symptoms and ill-defined conditions .. 780-799	25	20	5	1	1	1		11	2
57 All other diseases Residual	148	119	29	14	6	7	4	14	
58 Accidents E800-E949	99	77	22	12	1	5		18	4
59 Motor vehicle accidents E810-E825	48	40	8	6		1		10	1
60 Home accidents (Home) E850-E949	20	15	5	2	1	1		3	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	31	22	9	4		3		5	3
62 Suicide E950-E959	27	24	3	1	1	2		5	
63 Homicide and legal intervention E960-E978	16	7	9		1	3		1	
64 Other external causes E980-E999	2	2						1	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE-BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 11 (continued)

Cause of Death	Campbell		Bedford City		Lynchburg	
	White	Nonwh	White	Nonwh	White	Nonwh
	284	- 72	77	16	587	175
ALL CAUSES						
1 Shigellosis and amebiasis 004-006						
2 Certain other intestinal infections .. 007-009						
3 Tuberculosis, all forms .. 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038			1		7	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases						
..... Residual of 001-139		1			1	2
13 Malignant neoplasms 140-208	65	15	14	5	127	41
14 Lip, oral cavity and pharynx 140-149	2		1		2	1
15 Digestive organs and peritoneum 150-159	11	5	3	1	27	11
16 Respiratory & intrathoracic organs . 160-165	21	3	5	1	41	14
17 Breast 174-175	7	2	3	1	9	4
18 Genital organs 179-187	9	4		2	14	5
19 Urinary organs 188-189	1		1		6	2
20 Other & unspecified sites .. 170-173, 190-199	9		1		17	1
21 Leukemia 204-208	2				4	2
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	3	1			7	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1		1		1	
24 Diabetes mellitus 250	5	3	2		4	3
25 Nutritional deficiencies 260-269			1		1	
26 Anemias 280-285		1			1	
27 Meningitis 320-322					1	
28 Major cardiovascular diseases 390-448	137	31	41	5	281	87
29 Diseases of heart 390-398, 402, 404-429	108	21	26	5	209	66
30 Rheumatic fever and rheumatic heart disease 390-398					1	
31 Hypertensive heart disease 402	2	1	1		4	7
32 Hypertensive heart & renal disease ... 404	1	1			1	2
33 Ischemic heart disease 410-414	62	11	16	4	149	33
34 Acute myocardial infarction 410	38	5	9	2	81	15
35 Other ischemic heart disease ... 411-414	24	6	7	2	68	18
36 Other diseases of endocardium 424	2	1				
37 All other forms of heart disease 415-423, 425-429	41	7	9	1	54	24
38 Hypertension 401, 403					1	2
39 Cerebrovascular diseases. 430-438	27	7	13		57	18
40 Atherosclerosis 440	1	1			4	
41 Other diseases of arteries, arterioles, and capillaries 441-448	1	2	2		10	1
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	6				21	2
44 Chronic obstructive pulmonary diseases 490-496	16	6	2	1	26	3
45 Ulcer of stomach and duodenum 531-533		1			1	
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction .. 550-553, 560	1			1		
48 Chronic liver disease and cirrhosis 571	4				6	1
49 Cholelithiasis and other disorders of gall bladder 574-575	1					1
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	2		1		5	1
51 Infections of kidney 590					1	
52 Hyperplasia of prostate 600					1	
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	2	1			3	1
55 Certain conditions originating in the perinatal period 760-779					4	2
56 Symptoms and ill-defined conditions .. 780-799	3	1	2	1	2	
57 All other diseases Residual	18	4	8	3	58	12
58 Accidents E800-E949	18	7	4		20	10
59 Motor vehicle accidents E810-E825	14	6			8	1
60 Home accidents (Home) E850-E949	1				8	4
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	3	1	3		4	5
62 Suicide E950-E959	5				11	2
63 Homicide and legal intervention E960-E978		1			3	7
64 Other external causes E980-E999					1	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 12

Cause of Death	Planning District 12			Franklin		Henry		Patrick	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	2,418	1,863	555	266	40	399	97	159	14
1 Shigellosis and amebiasis 004-006									
2 Certain other intestinal infections .. 007-009	1		1						
3 Tuberculosis, all forms 010-018	2	2							
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	27	19	8	3	3	3	2	3	
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	9	7	2	6			1		
13 Malignant neoplasms 140-208	494	378	116	45	5	83	18	24	2
14 Lip, oral cavity and pharynx 140-149	7	5	2	1	1	1		2	
15 Digestive organs and peritoneum 150-159	104	70	34	12	3	13	5		1
16 Respiratory & intrathoracic organs . 160-165	145	116	29	15		19	5	8	1
17 Breast 174-175	43	33	10	3		12	2	2	
18 Genital organs 179-187	64	47	17	4	1	10	3	4	
19 Urinary organs 188-189	26	21	5	1		5		1	
20 Other & unspecified sites .. 170-173,190-199	54	47	7	4		16	1	2	
21 Leukemia 204-208	24	18	6	3		4	2	2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	27	21	6	2		3		3	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	6	4	2			1		1	
24 Diabetes mellitus 250	41	30	11	2		5	2	4	
25 Nutritional deficiencies 260-269	4	3	1			1		1	
26 Anemias 280-285	7	5	2	1		1	1		
27 Meningitis 320-322	3	2	1	1					
28 Major cardiovascular diseases 390-448	1,151	900	251	122	19	194	42	84	5
29 Diseases of heart 390-398,402,404-429	910	733	177	93	10	165	25	62	4
30 Rheumatic fever and rheumatic heart disease 390-398	4	2	2			1			
31 Hypertensive heart disease 402	23	14	9	3		4	1		
32 Hypertensive heart & renal disease ... 404	5	3	2					1	1
33 Ischemic heart disease 410-414	564	468	96	59	6	111	15	34	3
34 Acute myocardial infarction 410	291	252	39	30	3	60	6	16	2
35 Other ischemic heart disease ... 411-414	273	216	57	29	3	51	9	18	1
36 Other diseases of endocardium 424	13	10	3	3			1		
37 All other forms of heart disease 415-423,425-429	301	236	65	28	4	49	8	27	
38 Hypertension 401,403	11	4	7		1	2	1		
39 Cerebrovascular diseases. 430-438	197	134	62	21	7	20	16	19	
40 Atherosclerosis 440	21	19	2	6		4		2	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	12	10	2	2	1	3		1	
42 Acute bronchitis and bronchiolitis 466	1	1							
43 Pneumonia and influenza 480-487	100	84	16	18	1	11	4	3	3
44 Chronic obstructive pulmonary diseases 490-496	80	73	7	6	1	17		4	
45 Ulcer of stomach and duodenum 531-533	7	6	1			1		2	
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction .. 550-553,560	3	1	2		1	1			
48 Chronic liver disease and cirrhosis 571	22	14	8	2		1	1	3	
49 Cholelithiasis and other disorders of gall bladder 574-575	5	4	1			2			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	23	13	10	3	1	2	1		
51 Infections of kidney 590	3	3		1		1			
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	7	4	3	2			2	1	
55 Certain conditions originating in the perinatal period 760-779	21	10	11	1	1	1	1		
56 Symptoms and ill-defined conditions .. 780-799	26	19	7	6	2	4	2	2	
57 All other diseases Residual	181	136	45	23	1	31	7	11	1
58 Accidents E800-E949	117	91	26	17	2	24	4	8	2
59 Motor vehicle accidents E810-E825	57	44	13	8	2	15	2	2	1
60 Home accidents (Home) E850-E949	20	15	5	4		5	1	1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	40	32	8	5		4	1	5	1
62 Suicide E950-E959	45	36	9	4		10	5	6	
63 Homicide and legal intervention E960-E978	32	18	14	3	3	5	4	2	1
64 Other external causes E980-E999									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 12 (continued)

Cause of Death	Pittsylvania		Danville		Martinsville	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	421	163	458	169	160	72
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections .. 007-009				1		
3 Tuberculosis, all forms 010-018	1		1			
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	1	1	5	1	4	1
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases						
..... Residual of 001-139	1			1		
13 Malignant neoplasms 140-208	92	31	99	42	35	18
14 Lip, oral cavity and pharynx 140-149			1			1
15 Digestive organs and peritoneum 150-159	15	4	25	16	5	5
16 Respiratory & intrathoracic organs . 160-165	34	8	29	8	11	7
17 Breast 174-175	5	2	7	5	4	1
18 Genital organs 179-187	10	5	16	8	3	
19 Urinary organs 188-189	6	1	5	2	3	2
20 Other & unspecified sites .. 170-173,190-199	11	4	12	1	2	1
21 Leukemia 204-208	3	3	3		3	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	8	4	1	2	4	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1	2	1			
24 Diabetes mellitus 250	11	3	6		2	1
25 Nutritional deficiencies 260-269	1			1		
26 Anemias 280-285	2	1	1			
27 Meningitis 320-322			1	1		
28 Major cardiovascular diseases 390-448	213	83	223	73	64	29
29 Diseases of heart 390-398,402,404-429	180	60	179	55	54	23
30 Rheumatic fever and rheumatic heart disease 390-398	1	1				1
31 Hypertensive heart disease 402	3	5	3	2	1	1
32 Hypertensive heart & renal disease ... 404	1				1	1
33 Ischemic heart disease 410-414	119	30	109	31	36	11
34 Acute myocardial infarction 410	71	15	61	10	14	3
35 Other ischemic heart disease ... 411-414	48	15	48	21	22	8
36 Other diseases of endocardium 424	3	1	4	1		
37 All other forms of heart disease						
..... 415-423,425-429	53	23	63	21	16	9
38 Hypertension 401,403		3	1	1	1	1
39 Cerebrovascular diseases. 430-438	27	19	41	17	6	4
40 Atherosclerosis 440	3	1	2		2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	3				1	1
42 Acute bronchitis and bronchiolitis 466			1			
43 Pneumonia and influenza 480-487	15		25	4	12	4
44 Chronic obstructive pulmonary diseases 490-496	20	4	20	2	6	
45 Ulcer of stomach and duodenum 531-533			2	1	1	
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction .. 550-553,560				1		
48 Chronic liver disease and cirrhosis 571	1	1	5	4	2	2
49 Cholelithiasis and other disorders of gall bladder 574-575			2	1		
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4	3	2	4	2	1
51 Infections of kidney 590			1			
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759		1			1	
55 Certain conditions originating in the perinatal period 760-779	4	5	3	4	1	
56 Symptoms and ill-defined conditions .. 780-799	4			2	3	1
57 All other diseases Residual	19	17	37	13	15	6
58 Accidents E800-E949	21	8	14	5	7	5
59 Motor vehicle accidents E810-E825	12	4	5	2	2	2
60 Home accidents (Home) E850-E949		1	2		3	3
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	9	3	7	3	2	
62 Suicide E950-E959	6	1	5	2	5	1
63 Homicide and legal intervention E960-E978	4	2	4	1		3
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 13

Cause of Death	Planning District 13			Brunswick		Halifax		Mecklenburg		South Boston	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	966	581	385	77	114	211	115	230	136	63	20
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections .. 007-009											
3 Tuberculosis, all forms 010-018	2	1	1				1	1			
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	17	9	8	2	3	3	3	4	2		
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139											
13 Malignant neoplasms 140-208	211	128	83	19	22	53	28	44	30	12	3
14 Lip, oral cavity and pharynx 140-149	3	2	1			2			1		
15 Digestive organs and peritoneum 150-159	56	34	22	7	4	12	10	12	8	3	
16 Respiratory & intrathoracic organs .. 160-165	60	42	18	5	4	21	6	13	8	3	
17 Breast 174-175	16	13	3	3	1	4		5	2	1	
18 Genital organs 179-187	22	8	14		9	4	4	4	1		
19 Urinary organs 188-189	10	9	1	2		3		1	1	3	
20 Other & unspecified sites .. 170-173,190-199	29	13	16	1	2	5	5	7	7		2
21 Leukemia 204-208	5	3	2		1	1				2	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	10	4	6	1	1	1	3	2	2		
23 Benign neoplasms and neoplasms of unspecified nature 210-239	4	1	3		1	1			2		
24 Diabetes mellitus 250	9	5	4	3	3			2	1		
25 Nutritional deficiencies 260-269											
26 Anemias 280-285	3	1	2				1	1			1
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	450	297	153	44	46	100	42	119	57	34	8
29 Diseases of heart 390-398,402,404-429	347	233	114	34	28	82	33	96	47	21	6
30 Rheumatic fever and rheumatic heart disease ... 390-398	1	1						1			
31 Hypertensive heart disease 402	14	9	5	1	1	4	2	4	2		
32 Hypertensive heart & renal disease ... 404	3	1	2			1			2		
33 Ischemic heart disease 410-414	205	129	76	26	20	45	23	44	29	14	4
34 Acute myocardial infarction 410	113	74	39	14	11	26	13	26	14	8	1
35 Other ischemic heart disease ... 411-414	92	55	37	12	9	19	10	18	15	6	3
36 Other diseases of endocardium 424	4	3	1	1	1	1				1	
37 All other forms of heart disease 415-423,425-429	120	90	30	6	6	31	8	47	14	6	2
38 Hypertension 401,403	1	1				1					
39 Cerebrovascular diseases. 430-438	85	50	35	8	16	14	9	20	8	8	2
40 Atherosclerosis 440	8	5	3	1	2	2			1	2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	9	8	1	1		1		3	1	3	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	42	24	18	1	6	6	6	14	3	3	3
44 Chronic obstructive pulmonary diseases 490-496	23	16	7	3	4	6	1	5	2	2	
45 Ulcer of stomach and duodenum 531-533	2	2		1		1					
46 Appendicitis 540-543	1		1				1				
47 Hernia & intestinal obstruction .. 550-553,560	3	1	2						2	1	
48 Chronic liver disease and cirrhosis 571	8	4	4		2	2		2	2		
49 Cholelithiasis and other disorders of gall bladder 574-575											
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	11	6	5		2	2	1	4	2		
51 Infections of kidney 590											
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	2		2		2						
55 Certain conditions originating in the perinatal period 760-779	9	1	8		6		1	1	1		
56 Symptoms and ill-defined conditions .. 780-799	18	11	7	1	1	6	4	2	2	2	
57 All other diseases Residual	74	36	38	3	6	14	13	15	15	4	4
58 Accidents E800-E949	53	26	27		5	15	9	6	12	5	1
59 Motor vehicle accidents E810-E825	25	13	12		3	10	4	1	5	2	
60 Home accidents (Home) E850-E949	13	6	7			2	3	2	4	2	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	15	7	8		2	3	2	3	3	1	1
62 Suicide E950-E959	8	7	1		1	1		6			
63 Homicide and legal intervention E960-E978	12	3	9		4	1	3	2	2		
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 14

Cause of Death	Planning District 14			Amelia		Buckingham		Charlotte	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	990	567	423	47	44	83	59	84	53
1 Shigellosis and amebiasis 004-006									
2 Certain other intestinal infections .. 007-009									
3 Tuberculosis, all forms 010-018									
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	14	3	11		1	1	2	1	2
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	2	1	1					1	
13 Malignant neoplasms 140-208	204	116	88	6	12	20	15	19	13
14 Lip, oral cavity and pharynx 140-149	1	1							
15 Digestive organs and peritoneum 150-159	55	30	25	1	6	5	3	7	5
16 Respiratory & intrathoracic organs . 160-165	64	42	22	1	3	8	4	7	
17 Breast 174-175	11	7	4	1		2	1		1
18 Genital organs 179-187	25	7	18	1	2	1	2		5
19 Urinary organs 188-189	5	3	2	1					
20 Other & unspecified sites .. 170-173, 190-199	29	20	9	1	1	3	2	3	
21 Leukemia 204-208	7	3	4				2		2
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	7	3	4			1	1	2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2		2						
24 Diabetes mellitus 250	14	7	7			1	3	1	2
25 Nutritional deficiencies 260-269									
26 Anemias 280-285	2		2						1
27 Meningitis 320-322	2	1	1			1			1
28 Major cardiovascular diseases 390-448	461	276	185	29	23	37	23	40	20
29 Diseases of heart 390-398, 402, 404-429	338	201	137	22	19	25	18	27	13
30 Rheumatic fever and rheumatic heart disease 390-398									
31 Hypertensive heart disease 402	2	1	1						
32 Hypertensive heart & renal disease ... 404	2	1	1					1	
33 Ischemic heart disease 410-414	227	133	94	14	10	18	15	17	9
34 Acute myocardial infarction 410	147	88	59	12	7	13	9	10	5
35 Other ischemic heart disease ... 411-414	80	45	35	2	3	5	6	7	4
36 Other diseases of endocardium 424	5	2	3		1		1	1	1
37 All other forms of heart disease 415-423, 425-429	102	64	38	8	8	7	2	8	3
38 Hypertension 401, 403	2		2						
39 Cerebrovascular diseases. 430-438	104	63	41	7	4	12	4	9	6
40 Atherosclerosis 440	9	5	4				1	2	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	8	7	1					2	
42 Acute bronchitis and bronchiolitis 466	1	1							
43 Pneumonia and influenza 480-487	39	24	15	1		3		7	1
44 Chronic obstructive pulmonary diseases 490-496	30	25	5	2		7	1	4	2
45 Ulcer of stomach and duodenum 531-533	6	1	5	1	1				
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction .. 550-553, 560	3	2	1					1	
48 Chronic liver disease and cirrhosis 571	6	3	3			1			1
49 Cholelithiasis and other disorders of gall bladder 574-575	2		2				1		
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	13	8	5		2		1	1	
51 Infections of kidney 590	3		3				1		
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	6	2	4		1	1			
55 Certain conditions originating in the perinatal period 760-779	7	5	2	1			1		
56 Symptoms and ill-defined conditions .. 780-799	15	7	8			1	1		1
57 All other diseases Residual	92	52	40	3	3	5	4	6	6
58 Accidents E800-E949	52	24	28	3		5	5	3	2
59 Motor vehicle accidents E810-E825	30	14	16	2		5	2	1	
60 Home accidents (Home) E850-E949	7	4	3					1	1
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	15	6	9	1			3	1	1
62 Suicide E950-E959	9	7	2	1			1		
63 Homicide and legal intervention E960-E978	5	2	3		1				1
64 Other external causes E980-E999									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 14 (continued)

Cause of Death	Cumberland		Lunenburg		Nottoway		Prince Edward	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	31	50	86	62	145	82	91	73
1 Shigellosis and amebiasis 004,006								
2 Certain other intestinal infections .. 007-009								
3 Tuberculosis, all forms 010-018								
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038		2		1	1	2		1
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097								
12 Other infectious & parasitic diseases								
..... Residual of 001-139				1				
13 Malignant neoplasms 140-208	3	10	15	8	29	15	24	15
14 Lip, oral cavity and pharynx 140-149			1					
15 Digestive organs and peritoneum 150-159	1	2	6	3	5	6	5	
16 Respiratory & intrathoracic organs .. 160-165	1	4	4	2	12	5	9	4
17 Breast 174-175		2	1		2		1	
18 Genital organs 179-187		2		1	3	1	2	5
19 Urinary organs 188-189			1			1	1	1
20 Other & unspecified sites .. 170-173,190-199	1		2	2	6		4	4
21 Leukemia 204-208					1		2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203						2		1
23 Benign neoplasms and neoplasms of unspecified nature 210-239				1				1
24 Diabetes mellitus 250		2	2		2		1	
25 Nutritional deficiencies 260-269								
26 Anemias 280-285								1
27 Meningitis 320-322								
28 Major cardiovascular diseases 390-448	14	19	48	39	71	34	37	27
29 Diseases of heart 390-398,402,404-429	11	12	38	28	52	25	26	22
30 Rheumatic fever and rheumatic heart disease 390-398								
31 Hypertensive heart disease 402	1			1				
32 Hypertensive heart & renal disease ... 404						1		
33 Ischemic heart disease 410-414	7	9	26	19	36	17	15	15
34 Acute myocardial infarction 410	5	5	13	8	24	12	11	13
35 Other ischemic heart disease ... 411-414	2	4	13	11	12	5	4	2
36 Other diseases of endocardium 424					1			
37 All other forms of heart disease	3	3	12	8	15	7	11	7
..... 415-423,425-429								
38 Hypertension 401,403						1		1
39 Cerebrovascular diseases. 430-438	3	5	9	10	14	8	9	4
40 Atherosclerosis 440		1		1	2		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448		1	1		3		1	
42 Acute bronchitis and bronchiolitis 466	1							
43 Pneumonia and influenza 480-487	1	3	3	2	3	5	6	4
44 Chronic obstructive pulmonary diseases 490-496	2		2	1	5		3	1
45 Ulcer of stomach and duodenum 531-533		1		2		1		
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction .. 550-553,560	1					1		
48 Chronic liver disease and cirrhosis 571			1		1	1		1
49 Cholelithiasis and other disorders of gall bladder 574-575		1						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	1		2		1	1	3	1
51 Infections of kidney 590						1		1
52 Hyperplasia of prostate 600								
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759	1	1						2
55 Certain conditions originating in the perinatal period 760-779		1			1		3	
56 Symptoms and ill-defined conditions .. 780-799	1	1		1	4	3	1	1
57 All other diseases Residual	2	3	8	4	21	11	7	9
58 Accidents E800-E949	4	6	2	1	3	7	4	7
59 Motor vehicle accidents E810-E825	3	5	1		1	5	1	4
60 Home accidents (Home) E850-E949		1			1		2	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	1		1	1	1	2	1	2
62 Suicide E950-E959			3	1	2		1	
63 Homicide and legal intervention E960-E978					1		1	1
64 Other external causes E980-E999								

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 15

Cause of Death	Planning District 15			Charles City County		Chesterfield		Goochland	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	5,978	4,178	1,800	12	53	700	102	65	43
1 Shigellosis and amebiasis 004-006									
2 Certain other intestinal infections .. 007-009									
3 Tuberculosis, all forms 010-018	2	1	1						
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	2	1	1			1			
7 Septicemia 038	89	55	34		2	10		2	1
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070	1		1						
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	23	12	11		1	4			
13 Malignant neoplasms 140-208	1,393	993	400	3	7	198	30	13	7
14 Lip, oral cavity and pharynx 140-149	19	13	6			2			
15 Digestive organs and peritoneum 150-159	326	220	106	2	2	40	11	5	2
16 Respiratory & intrathoracic organs . 160-165	430	317	113		2	60	9	5	2
17 Breast 174-175	103	75	28		1	13	1		
18 Genital organs 179-187	150	96	54			23	2	1	3
19 Urinary organs 188-189	50	41	9			10	3	1	
20 Other & unspecified sites .. 170-173, 190-199	195	140	55		1	29	2	1	
21 Leukemia 204-208	42	32	10			8			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	78	59	19	1	1	13	2		
23 Benign neoplasms and neoplasms of unspecified nature 210-239	17	11	6						
24 Diabetes mellitus 250	79	47	32		4	8	4	1	
25 Nutritional deficiencies 260-269	8	3	5		1				
26 Anemias 280-285	13	7	6					1	
27 Meningitis 320-322	6	2	4				1		
28 Major cardiovascular diseases 390-448	2,595	1,867	728	2	21	262	43	31	22
29 Diseases of heart 390-398, 402, 404-429	1,911	1,379	532	1	16	204	29	26	15
30 Rheumatic fever and rheumatic heart disease 390-398	10	6	4				1		
31 Hypertensive heart disease 402	67	38	29		1	3	2		1
32 Hypertensive heart & renal disease ... 404	7	4	3						1
33 Ischemic heart disease 410-414	1,092	845	247	1	10	127	16	16	8
34 Acute myocardial infarction 410	534	410	124		8	80	6	5	6
35 Other ischemic heart disease ... 411-414	558	435	123	1	2	47	10	11	2
36 Other diseases of endocardium 424	28	20	8			1		1	
37 All other forms of heart disease 415-423, 425-429	707	466	241		5	73	10	9	5
38 Hypertension 401, 403	26	17	9			2			
39 Cerebrovascular diseases. 430-438	508	358	150	1	5	44	10	5	5
40 Atherosclerosis 440	102	78	24			9	3		2
41 Other diseases of arteries, arterioles, and capillaries 441-448	48	35	13			3	1		
42 Acute bronchitis and bronchiolitis 466	3	2	1						
43 Pneumonia and influenza 480-487	182	142	40		2	18		1	
44 Chronic obstructive pulmonary diseases 490-496	232	194	38		1	28	2	4	1
45 Ulcer of stomach and duodenum 531-533	15	12	3			2			
46 Appendicitis 540-543	1	1							
47 Hernia & intestinal obstruction .. 550-553, 560	12	6	6			1		1	
48 Chronic liver disease and cirrhosis 571	67	45	22	1		4	1		1
49 Cholelithiasis and other disorders of gall bladder 574-575	8	6	2				1		
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	51	28	23		1	5	1		1
51 Infections of kidney 590	3	3							
52 Hyperplasia of prostate 600	1	1							
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	37	22	15		1	6	2		
55 Certain conditions originating in the perinatal period 760-779	85	33	52		3	13	1		1
56 Symptoms and ill-defined conditions .. 780-799	85	54	31		1	5	4		
57 All other diseases Residual	508	340	168		3	56	8	2	5
58 Accidents E800-E949	265	183	82	6	4	54	1	5	3
59 Motor vehicle accidents E810-E825	136	102	34	2	2	35		3	2
60 Home accidents (Home) E850-E949	42	23	19	1	1	6	1	1	1
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	87	58	29	3	1	13		1	
62 Suicide E950-E959	99	81	18		1	22	2	4	1
63 Homicide and legal intervention E960-E978	93	23	70			3	1		
64 Other external causes E980-E999	3	3							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 15 (continued)

Cause of Death	Hanover		Henrico		New Kent		Powhatan		Richmond City	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	363	67	1,581	211	47	27	64	28	1,346	1,269
1 Shigellosis and amebiasis 004-006										
2 Certain other intestinal infections .. 007-009										
3 Tuberculosis, all forms 010-018			1							1
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036				1						
7 Septicemia 038	3	1	19	4			3	1	18	25
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070										1
11 Syphilis 090-097										
12 Other infectious & parasitic diseases Residual of 001-139	1		4	1					3	9
13 Malignant neoplasms 140-208	34	16	363	39	12	8	14	6	306	287
14 Lip, oral cavity and pharynx 140-149	1		4				1		5	6
15 Digestive organs and peritoneum 150-159	18	1	88	12	2	6	2	3	63	67
16 Respiratory & intrathoracic organs . 160-165	28	6	111	10	3		4	1	106	83
17 Breast 174-175	3		29	6		1	3	1	27	18
18 Genital organs 179-187	7	4	29	4	2			1	34	40
19 Urinary organs 188-189	3		12		1				14	6
20 Other & unspecified sites .. 170-173, 190-199	13	4	61	4	3	1	2		31	43
21 Leukemia 204-208	3	1	11	1	1				9	8
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	8		18	2			2		17	14
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1		6	2			1		3	4
24 Diabetes mellitus 250	8		16	3					14	21
25 Nutritional deficiencies 260-269			2						1	4
26 Anemias 280-285			4	1					2	5
27 Meningitis 320-322			1						1	3
28 Major cardiovascular diseases 390-448	146	28	734	91	24	13	20	10	648	500
29 Diseases of heart 390-398, 402, 404-429	99	19	530	61	20	11	16	6	483	375
30 Rheumatic fever and rheumatic heart disease 390-398			3	1		1			3	1
31 Hypertensive heart disease 402	4	4	16	4	1		1		13	17
32 Hypertensive heart & renal disease ... 404		1	1						3	1
33 Ischemic heart disease 410-414	55	11	318	25	13	6	10	3	305	168
34 Acute myocardial infarction 410	24	4	154	13	8	6	5		134	81
35 Other ischemic heart disease ... 411-414	31	7	164	12	5		5	3	171	87
36 Other diseases of endocardium 424	1		6	1	1				10	7
37 All other forms of heart disease 415-423, 425-429	39	3	186	30	5	4	5	3	149	181
38 Hypertension 401, 403	1		7			1			7	8
39 Cerebrovascular diseases. 430-438	31	6	143	22	3	1	4	3	127	98
40 Atherosclerosis 440	11	1	37	4	1			1	20	13
41 Other diseases of arteries, arterioles, and capillaries 441-448	4	2	17	4					11	6
42 Acute bronchitis and bronchiolitis 466									2	1
43 Pneumonia and influenza 480-487	13	2	63	6	1	1	1	1	45	28
44 Chronic obstructive pulmonary diseases 490-496	23	1	67	2	3		2	1	67	30
45 Ulcer of stomach and duodenum 531-533	2		2	1					6	2
46 Appendicitis 540-543									1	
47 Hernia & intestinal obstruction .. 550-553, 560				1			2		2	5
48 Chronic liver disease and cirrhosis 571		1	27	2					13	17
49 Cholelithiasis and other disorders of gall bladder 574-575	2		2						2	1
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4		8			1	2	2	9	17
51 Infections of kidney 590			7						1	
52 Hyperplasia of prostate 600			1							
53 Complications of pregnancy, childbirth, and the puerperium 630-676										
54 Congenital anomalies 740-759	4	1	4	3		1	1		3	7
55 Certain conditions originating in the perinatal period 760-779	2	1	12	7					6	39
56 Symptoms and ill-defined conditions .. 780-799	6	1	26	5					17	20
57 All other diseases Residual	29	7	141	20	2		5	3	105	122
58 Accidents E800-E949	22	8	47	16	3	1	10	4	36	45
59 Motor vehicle accidents E810-E825	17	5	23	11	2	1	8	3	12	10
60 Home accidents (Home) E850-E949	1	1	6	4					8	11
61 All other accidents E800-E807, E825-E849 (Other) E850-E949	4	2	18	1	1		2	1	16	24
62 Suicide E950-E959	9		19	2	1	1	3		23	11
63 Homicide and legal intervention E960-E978	4		5	4	1	1			10	64
64 Other external causes E980-E999			1						2	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 16

Cause of Death	Planning District 16			Caroline		King George	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	967	740	227	96	76	76	22
1 Shigellosis and amebiasis 004-006							
2 Certain other intestinal infections .. 007-009							
3 Tuberculosis, all forms 010-018	2	1	1	1			
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	21	14	7	2	3	3	
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070							
11 Syphilis 090-097							
12 Other infectious & parasitic diseases							
..... Residual of 001-139	3	3					
13 Malignant neoplasms 140-208	252	198	54	32	17	16	5
14 Lip, oral cavity and pharynx 140-149	4	2	2				
15 Digestive organs and peritoneum 150-159	60	49	11	6	6	7	
16 Respiratory & intrathoracic organs . 160-165	82	62	20	12	6	4	3
17 Breast 174-175	12	10	2			3	1
18 Genital organs 179-187	26	17	9	4	2		1
19 Urinary organs 188-189	15	15		2			
20 Other & unspecified sites .. 170-173,190-199	34	26	8	5	2	1	
21 Leukemia 204-208	6	5	1	2			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	13	12	1	1	1	1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	5	5				1	
24 Diabetes mellitus 250	13	7	6	1	3	2	1
25 Nutritional deficiencies 260-269	1	1					
26 Anemias 280-285	1	1					
27 Meningitis 320-322	2	2					
28 Major cardiovascular diseases 390-448	396	304	92	36	30	28	7
29 Diseases of heart 390-398,402,404-429	289	220	69	30	25	23	7
30 Rheumatic fever and rheumatic heart disease 390-398	2		2				
31 Hypertensive heart disease 402	6	6		1		1	
32 Hypertensive heart & renal disease ... 404	1		1				
33 Ischemic heart disease 410-414	178	142	36	23	15	15	4
34 Acute myocardial infarction 410	109	83	26	18	9	7	4
35 Other ischemic heart disease ... 411-414	69	59	10	5	6	8	
36 Other diseases of endocardium 424	2	2					
37 All other forms of heart disease 415-423,425-429	100	70	30	6	10	7	3
38 Hypertension 401,403	3	2	1			1	
39 Cerebrovascular diseases 430-438	79	62	17	6	3	2	
40 Atherosclerosis 440	10	7	3		1	1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	15	13	2		1	1	
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	33	22	11	3	2	4	2
44 Chronic obstructive pulmonary diseases 490-496	31	23	8	2	3	4	1
45 Ulcer of stomach and duodenum 531-533	2	1	1				1
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction .. 550-553,560	2	2		1			
48 Chronic liver disease and cirrhosis 571	10	9	1	1		1	
49 Cholelithiasis and other disorders of gall bladder 574-575	2	2		1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	10	7	3		1		1
51 Infections of kidney 590	2	1	1				
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	12	8	4	1			
55 Certain conditions originating in the perinatal period 760-779	5	3	2		1		
56 Symptoms and ill-defined conditions .. 780-799	9	4	5		4	2	
57 All other diseases Residual	66	55	11	4	6	6	1
58 Accidents E800-E949	62	49	13	11	5	6	1
59 Motor vehicle accidents E810-E825	40	31	9	7	5		
60 Home accidents (Home) E850-E949	9	7	2	1			1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	13	11	2	3		1	
62 Suicide E950-E959	15	12	3			1	1
63 Homicide and legal intervention E960-E978	10	6	4		1	2	1
64 Other external causes E980-E999							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 16 (continued)

Cause of Death	Spotsylvania		Stafford		Fredericksburg	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	205	48	227	30	136	51
1 Shigellosis and amebiasis 004-006						
2 Certain other intestinal infections .. 007-009						
3 Tuberculosis, all forms 010-018				1		
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	1	2	5		3	2
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases						
..... Residual of 001-139	2		1			
13 Malignant neoplasms 140-208	61	7	62	10	27	15
14 Lip, oral cavity and pharynx 140-149	2	1		1		
15 Digestive organs and peritoneum 150-159	13	2	13	1	10	2
16 Respiratory & intrathoracic organs . 160-165	20	2	18	4	8	5
17 Breast 174-175	2		3		2	1
18 Genital organs 179-187	3	1	6		4	5
19 Urinary organs 188-189	7		5		1	
20 Other & unspecified sites .. 170-173, 190-199	8		10	4	2	2
21 Leukemia 204-208	3	1				
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	3		7			
23 Benign neoplasms and neoplasms of unspecified nature 210-239			1		3	
24 Diabetes mellitus 250	1		1	1	2	1
25 Nutritional deficiencies 260-269					1	
26 Anemias 280-285			1			
27 Meningitis 320-322	2					
28 Major cardiovascular diseases 390-448	90	23	89	10	61	22
29 Diseases of heart 390-398, 402, 404-429	64	13	59	6	44	18
30 Rheumatic fever and rheumatic heart disease 390-398		1				1
31 Hypertensive heart disease 402	1		2		1	
32 Hypertensive heart & renal disease ... 404						1
33 Ischemic heart disease 410-414	45	8	36	4	23	5
34 Acute myocardial infarction 410	23	5	24	3	11	5
35 Other ischemic heart disease ... 411-414	22	3	12	1	12	
36 Other diseases of endocardium 424	1		1			
37 All other forms of heart disease 415-423, 425-429	17	4	20	2	20	11
38 Hypertension 401, 403			1	1		
39 Cerebrovascular diseases. 430-438	20	8	24	3	10	3
40 Atherosclerosis 440	1	2	3		2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	5		2		5	1
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	5	4	4		6	3
44 Chronic obstructive pulmonary diseases 490-496	4	3	7		6	1
45 Ulcer of stomach and duodenum 531-533					1	
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction .. 550-553, 560	1					
48 Chronic liver disease and cirrhosis 571		1	7			
49 Cholelithiasis and other disorders of gall bladder 574-575	1					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4	1	1		2	
51 Infections of kidney 590		1	1			
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	4	1	1	2	2	1
55 Certain conditions originating in the perinatal period 760-779			2	1	1	
56 Symptoms and ill-defined conditions .. 780-799		1	1		1	
57 All other diseases Residual	11	2	18	1	16	1
58 Accidents E800-E949	14	1	17	4	1	2
59 Motor vehicle accidents E810-E825	9		10	2		
60 Home accidents (Home) E850-E949	3	1	3			2
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	2		4	2	1	
62 Suicide E950-E959	4	1	5		2	1
63 Homicide and legal intervention E960-E978			3		1	2
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 17

Cause of Death	Planning District 17			Lancaster		Northumberland		Richmond		Westmoreland	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	574	404	170	119	53	111	42	58	20	116	55
1 Shigellosis and amebiasis 004-006											
2 Certain other intestinal infections .. 007-009											
3 Tuberculosis, all forms 010-018											
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	10	9	1	2	1	2		2		3	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139											
13 Malignant neoplasms 140-208	153	108	45	29	10	37	16	11	3	31	16
14 Lip, oral cavity and pharynx 140-149	1	1		1							
15 Digestive organs and peritoneum 150-159	36	20	16	4	4	7	4	3	1	6	7
16 Respiratory & intrathoracic organs .. 160-165	44	32	12	8	2	11	6	2		11	4
17 Breast 174-175	12	8	4	4	1	3	2	1			1
18 Genital organs 179-187	21	17	4	5	1	6	1	2	1	4	1
19 Urinary organs 188-189	6	5	1	1	1	3				1	
20 Other & unspecified sites .. 170-173, 190-199	22	20	2	4		6	1	1		9	1
21 Leukemia 204-208	7	3	4	1	1	1	1	1	1		1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	4	2	2	1			1	1			1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	3	2	1			1	1	1			
24 Diabetes mellitus 250	6	3	3	1		1		1	1		2
25 Nutritional deficiencies 260-269											
26 Anemias 280-285	1		1				1				
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	262	197	65	59	25	55	14	32	7	51	19
29 Diseases of heart 390-398, 402, 404-429	208	156	52	41	20	45	10	26	7	44	15
30 Rheumatic fever and rheumatic heart disease 390-398	1	1				1					
31 Hypertensive heart disease 402	8	1	7		3			1	1		3
32 Hypertensive heart & renal disease ... 404	1		1						1		
33 Ischemic heart disease 410-414	133	104	29	27	11	26	8	20	3	31	7
34 Acute myocardial infarction 410	83	66	17	18	6	14	4	10	3	24	4
35 Other ischemic heart disease ... 411-414	50	38	12	9	5	12	4	10		7	3
36 Other diseases of endocardium 424											
37 All other forms of heart disease 415-423, 425-429	65	50	15	14	6	18	2	5	2	13	5
38 Hypertension 401, 403											
39 Cerebrovascular diseases. 430-438	45	33	12	15	5	8	3	5		5	4
40 Atherosclerosis 440	5	5		2		1		1		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	4	3	1	1		1	1			1	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	9	7	2	2		2		1	1	2	1
44 Chronic obstructive pulmonary diseases 490-496	24	17	7	3	2	2	1	3	1	9	3
45 Ulcer of stomach and duodenum 531-533											
46 Appendicitis 540-543	1		1				1				
47 Hernia & intestinal obstruction .. 550-553, 560	1		1				1				
48 Chronic liver disease and cirrhosis 571	7	6	1	1		1	1	1		3	
49 Cholelithiasis and other disorders of gall bladder 574-575											
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	10	5	5	1	2		1		1	4	1
51 Infections of kidney 590											
52 Hyperplasia of prostate 600	1	1						1			
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	1		1						1		
55 Certain conditions originating in the perinatal period 760-779	1	1								1	
56 Symptoms and ill-defined conditions .. 780-799	4	1	3			1	2				1
57 All other diseases Residual	44	26	18	11	9	4	1	5	2	6	6
58 Accidents E800-E949	21	9	12	6	3	2	2		2	1	5
59 Motor vehicle accidents E810-E825	6	1	5	1	1						
60 Home accidents (Home) E850-E949	5	1	4	1	1				1		2
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	10	7	3	4	1	2			1	1	1
62 Suicide E950-E959	10	10		3		3				4	
63 Homicide and legal intervention E960-E978	5	2	3	1	1				1	1	1
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 18

Cause of Death	Planning District 18			Essex		Gloucester		King and Queen	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	740	513	227	68	32	176	56	39	40
1 Shigellosis and amebiasis 004-006									
2 Certain other intestinal infections .. 007-009									
3 Tuberculosis, all forms 010-018	1		1		1				
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	12	8	4		4	3		1	
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097									
12 Other infectious & parasitic diseases									
..... Residual of 001-139	3	3		1					
13 Malignant neoplasms 140-208	166	120	46	26	6	41	13	5	6
14 Lip, oral cavity and pharynx 140-149	3	2	1						
15 Digestive organs and peritoneum 150-159	46	32	14	8	3	10	3	2	1
16 Respiratory & intrathoracic organs . 160-165	49	35	14	4		16	4	2	5
17 Breast 174-175	17	17		5		4			
18 Genital organs 179-187	16	11	5	6	1	3	2		
19 Urinary organs 188-189	6	3	3	1			1		
20 Other & unspecified sites .. 170-173,190-199	17	14	3	1		7			
21 Leukemia 204-208	5	3	2		1	1	1	1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	7	3	4	1	1		2		
23 Benign neoplasms and neoplasms of unspecified nature 210-239	3	2	1			1			
24 Diabetes mellitus 250	13	4	9	1		1	2	2	2
25 Nutritional deficiencies 260-269	1	1							
26 Anemias 280-285	2	1	1				1		
27 Meningitis 320-322									
28 Major cardiovascular diseases 390-448	358	253	105	28	13	86	30	24	18
29 Diseases of heart 390-398,402,404-429	282	204	78	26	12	65	22	21	13
30 Rheumatic fever and rheumatic heart disease 390-398	1		1		1				
31 Hypertensive heart disease 402	6	4	2	2		1			1
32 Hypertensive heart & renal disease ... 404	3	2	1			1			1
33 Ischemic heart disease 410-414	175	128	47	19	7	34	11	11	7
34 Acute myocardial infarction 410	91	66	25	12	5	15	7	5	3
35 Other ischemic heart disease ... 411-414	84	62	22	7	2	19	4	6	4
36 Other diseases of endocardium 424	7	4	3			3	2		
37 All other forms of heart disease 415-423,425-429	90	66	24	5	4	26	9	10	4
38 Hypertension 401,403	8	5	3			2	1		
39 Cerebrovascular diseases. 430-438	49	28	21	1	1	14	7	3	3
40 Atherosclerosis 440	8	6	2	1		1			1
41 Other diseases of arteries, arterioles, and capillaries 441-448	11	10	1			4			1
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	22	19	3	1		8	2		1
44 Chronic obstructive pulmonary diseases 490-496	18	14	4	3	2	3		1	1
45 Ulcer of stomach and duodenum 531-533	1		1						
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction .. 550-553,560	2	1	1				1		
48 Chronic liver disease and cirrhosis 571	13	10	3			7		1	1
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1							
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4	1	3		1				
51 Infections of kidney 590									
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	2	1	1	1					1
55 Certain conditions originating in the perinatal period 760-779	2		2				1		1
56 Symptoms and ill-defined conditions .. 780-799	6	4	2	1		1		1	
57 All other diseases Residual	50	32	18	5	4	7	2	1	6
58 Accidents E800-E949	50	32	18	1	1	13	3	3	3
59 Motor vehicle accidents E810-E825	30	20	10		1	9	2	2	
60 Home accidents (Home) E850-E949	9	6	3	1		2	1		
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	11	6	5			2		1	3
62 Suicide E950-E959	8	5	3			4			
63 Homicide and legal intervention E960-E978	1	1				1			
64 Other external causes E980-E999	1		1				1		

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 18 (continued)

Cause of Death	King William		Mathews		Middlesex	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	54	40	95	26	81	33
1 Shigellosis and amebiasis 004-006						
2 Certain other intestinal infections .. 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	2				2	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases						
..... Residual of 001-139						
13 Malignant neoplasms 140-208	14	9	21	4	13	8
14 Lip, oral cavity and pharynx 140-149	1		1			1
15 Digestive organs and peritoneum 150-159	6	3	4	1	2	3
16 Respiratory & intrathoracic organs . 160-165	2	3	9		2	2
17 Breast 174-175	2		2		4	
18 Genital organs 179-187	1	1	1	1		
19 Urinary organs 188-189	1			2	1	
20 Other & unspecified sites .. 170-173, 190-199		1	3		3	2
21 Leukemia 204-208			1			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	1	1			1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239			1			1
24 Diabetes mellitus 250		2		1		2
25 Nutritional deficiencies 260-269					1	
26 Anemias 280-285			1			
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	26	21	47	8	42	15
29 Diseases of heart 390-398, 402, 404-429	22	16	38	6	32	9
30 Rheumatic fever and rheumatic heart disease 390-398						
31 Hypertensive heart disease 402		1	1			
32 Hypertensive heart & renal disease ... 404			1			
33 Ischemic heart disease 410-414	14	11	28	4	22	7
34 Acute myocardial infarction 410	10	6	14	2	10	2
35 Other ischemic heart disease ... 411-414	4	5	14	2	12	5
36 Other diseases of endocardium 424		1	1			
37 All other forms of heart disease						
..... 415-423, 425-429	8	3	7	2	10	2
38 Hypertension 401, 403		1	3	1		
39 Cerebrovascular diseases. 430-438	3	3	1	1	6	6
40 Atherosclerosis 440	1	1	2		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448			3		3	
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	1		6		3	
44 Chronic obstructive pulmonary diseases 490-496	3		2	1	2	
45 Ulcer of stomach and duodenum 531-533						1
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction .. 550-553, 560					1	
48 Chronic liver disease and cirrhosis 571		1	2	1		
49 Cholelithiasis and other disorders of gall bladder 574-575					1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	1	1				1
51 Infections of kidney 590						
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759						
55 Certain conditions originating in the perinatal period 760-779						
56 Symptoms and ill-defined conditions .. 780-799		2			1	
57 All other diseases ... Residual	4	2	8	3	7	1
58 Accidents E800-E949	2	1	6	7	7	3
59 Motor vehicle accidents E810-E825		1	4	5	5	1
60 Home accidents (Home) E850-E949			1		2	2
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	2		1	2		
62 Suicide E950-E959	1	1		1		1
63 Homicide and legal intervention E960-E978						
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 19

Cause of Death	Planning District 19			Dinwiddie		Greensville		Prince George		Surry	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,537	921	616	106	84	41	46	92	48	35	37
1 Shigellosis and amebiasis 004-006											
2 Certain other intestinal infections .. 007-009											
3 Tuberculosis, all forms 010-018	7	3	4		1				1		
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	19	12	7	1				1	1		
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases											
..... Residual of 001-139	5	1	4				1	1			
13 Malignant neoplasms 140-208	367	223	144	25	18	8	13	24	12	10	7
14 Lip, oral cavity and pharynx 140-149	6	4	2								
15 Digestive organs and peritoneum 150-159	92	44	48	4	6	3	3	2	5	4	3
16 Respiratory & intrathoracic organs . 160-165	119	79	40	10	7	2	5	13	2		2
17 Breast 174-175	29	21	8	4	3	1		2		1	1
18 Genital organs 179-187	39	18	21	1		1	2	2	2	1	
19 Urinary organs 188-189	17	11	6	1			1	1		1	1
20 Other & unspecified sites .. 170-173, 190-199	34	25	9	2			1	2		1	
21 Leukemia 204-208	11	9	2	1					1	2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	20	12	8	2	2	1	1	2	2		
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2	1	1								
24 Diabetes mellitus 250	25	14	11	3	5				1		1
25 Nutritional deficiencies 260-269	3	2	1							1	
26 Anemias 280-285	1		1						1		
27 Meningitis 320-322	1	1									
28 Major cardiovascular diseases 390-448	681	411	270	47	39	21	21	34	22	20	16
29 Diseases of heart 390-398, 402, 404-429	519	319	200	39	29	14	13	27	19	14	14
30 Rheumatic fever and rheumatic heart disease 390-398	6	3	3								
31 Hypertensive heart disease 402	17	4	13		3		1		1		
32 Hypertensive heart & renal disease ... 404	5	2	3		1				1		
33 Ischemic heart disease 410-414	336	208	128	29	19	9	6	17	11	9	10
34 Acute myocardial infarction 410	160	103	57	18	7	6	3	7	6	7	8
35 Other ischemic heart disease ... 411-414	176	105	71	11	12	3	3	10	5	2	2
36 Other diseases of endocardium 424	5	4	1	2	1						
37 All other forms of heart disease											
..... 415-423, 425-429	150	98	52	8	5	5	6	10	6	5	4
38 Hypertension 401, 403	6	5	1		1					1	
39 Cerebrovascular diseases, ... 430-438	125	63	62	4	9	4	8	5	2	5	1
40 Atherosclerosis 440	11	8	3			1					
41 Other diseases of arteries, arterioles, and capillaries 441-448	20	16	4	4		1		2	1		1
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	43	26	17	2	1	2	1	1	2		2
44 Chronic obstructive pulmonary diseases 490-496	55	44	11	8		2		5	1		3
45 Ulcer of stomach and duodenum 531-533	5	4	1			1					
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction .. 550-553, 560	5	4	1								
48 Chronic liver disease and cirrhosis 571	18	12	6	1	2		1	2	1	1	
49 Cholelithiasis and other disorders of gall bladder 574-575	3	3						1		1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	20	8	12	1			1	1			
51 Infections of kidney 590											
52 Hyperplasia of prostate 600	1	1		1							
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	7	4	3				1	2			
55 Certain conditions originating in the perinatal period 760-779	29	11	18		3			1			1
56 Symptoms and ill-defined conditions .. 780-799	6	2	4								
57 All other diseases Residual	120	66	54	10	8	3	3	8	2		3
58 Accidents E800-E949	81	49	32	5	5	4	2	9	4	2	1
59 Motor vehicle accidents E810-E825	40	21	19	3	3	2	2	7	2		1
60 Home accidents (Home) E850-E949	12	9	3	1		2					
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	29	19	10	1	2			2	2	2	
62 Suicide E950-E959	22	16	6	2			1	2			3
63 Homicide and legal intervention E960-E978	10	2	8		2		1				
64 Other external causes E980-E999	1	1									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 19 (continued)

Cause of Death	Sussex		Colonial Heights		Emporia		Hopewell		Petersburg	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	53	74	137	7	41	33	216	48	200	239
1 Shigellosis and amebiasis 004,006										
2 Certain other intestinal infections .. 007-009										
3 Tuberculosis, all forms 010-018	1	1					2			1
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036										
7 Septicemia 038		1	4				4	1	2	4
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070										
11 Syphilis 090-097										
12 Other infectious & parasitic diseases Residual of 001-139										
13 Malignant neoplasms 140-208	11	18	32	2	8	7	46	9	59	58
14 Lip, oral cavity and pharynx 140-149				1			1		3	1
15 Digestive organs and peritoneum 150-159	1	5	6		3		11	3	10	23
16 Respiratory & intrathoracic organs .. 160-165	3	6	13	1	2	3	17	2	19	12
17 Breast 174-175	2	2	4				3		4	2
18 Genital organs 179-187	2	3			1	2	3	2	7	10
19 Urinary organs 188-189	1	1	2				1		4	3
20 Other & unspecified sites .. 170-173,190-199	1	1	4		2	1	7	2	6	4
21 Leukemia 204-208	1						3		2	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203			3			1			4	2
23 Benign neoplasms and neoplasms of unspecified nature 210-239							1			1
24 Diabetes mellitus 250			1		1		1		8	4
25 Nutritional deficiencies 260-269							1			1
26 Anemias 280-285										
27 Meningitis 320-322							1			
28 Major cardiovascular diseases 390-448	24	33	61	4	21	16	103	15	80	104
29 Diseases of heart 390-398,402,404-429	18	27	48	2	17	11	79	10	63	75
30 Rheumatic fever and rheumatic heart disease 390-398			1						2	3
31 Hypertensive heart disease 402		2	1				1		2	6
32 Hypertensive heart & renal disease ... 404					1				1	1
33 Ischemic heart disease 410-414	14	14	26	1	9	10	49	8	46	49
34 Acute myocardial infarction 410	5	5	8	1	5	5	31	6	16	16
35 Other ischemic heart disease ... 411-414	9	9	18		4	5	18	2	30	33
36 Other diseases of endocardium 424									2	
37 All other forms of heart disease 415-423,425-429	4	11	20	1	7	1	29	2	10	16
38 Hypertension 401,403			1				2			
39 Cerebrovascular diseases. 430-438	4	6	11	2	2	5	16	4	12	25
40 Atherosclerosis 440	2				1			1	4	2
41 Other diseases of arteries, arterioles, and capillaries 441-448			1		1		6		1	2
42 Acute bronchitis and bronchiolitis 466										
43 Pneumonia and influenza 480-487	3	2	4		1	1	7	1	6	7
44 Chronic obstructive pulmonary diseases 490-496	3	2	8		3		9	2	6	3
45 Ulcer of stomach and duodenum 531-533					1		2			1
46 Appendicitis 540-543										
47 Hernia & intestinal obstruction .. 550-553,560							1		3	1
48 Chronic liver disease and cirrhosis 571	1		3				2		2	2
49 Cholelithiasis and other disorders of gall bladder 574-575									1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589		1	1			1	2	4	3	5
51 Infections of kidney 590										
52 Hyperplasia of prostate 600										
53 Complications of pregnancy, childbirth, and the puerperium 630-676										
54 Congenital anomalies 740-759			1			1	1	1		
55 Certain conditions originating in the perinatal period 760-779		1	2			1	4	5	4	7
56 Symptoms and ill-defined conditions .. 780-799		1					1	1	1	2
57 All other diseases Residual	6	7	10		3	3	15	6	11	22
58 Accidents E800-E949	2	6	7	1	3	2	5	1	12	10
59 Motor vehicle accidents E810-E825	2	4		1	1	2	4		2	4
60 Home accidents (Home) E850-E949			4					1	2	2
61 All other accidents E800-E807,E826-E849 (Other) E850-E949		2	3		2		1		8	4
62 Suicide E950-E959	2		2				6		2	2
63 Homicide and legal intervention E960-E978					1		2	2		2
64 Other external causes E980-E999			1							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 20

Cause of Death	Planning District 20			Isle of Wight		Southampton		Chesapeake	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	7,078	4,521	2,557	110	81	113	105	693	298
1 Shigellosis and amebiasis 004-006									
2 Certain other intestinal infections .. 007-009	1	1							
3 Tuberculosis, all forms 010-018	7	2	5		1				
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	1	1							
7 Septicemia 038	80	43	37	1	2		1	6	6
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070	2	1	1					1	1
11 Syphilis 090-097									
12 Other infectious & parasitic diseases									
..... Residual of 001-139	26	19	7			1	1	3	1
13 Malignant neoplasms 140-208	1,671	1,095	576	28	16	20	24	168	71
14 Lip, oral cavity and pharynx 140-149	38	19	19				1	2	2
15 Digestive organs and peritoneum 150-159	405	262	143	3	4	4	6	42	24
16 Respiratory & intrathoracic organs . 160-165	517	345	172	12	7	7	6	58	16
17 Breast 174-175	145	106	39	2	1		4	17	3
18 Genital organs 179-187	189	99	90	2	1	4	4	14	8
19 Urinary organs 188-189	54	39	15	1				7	
20 Other & unspecified sites .. 170-173, 190-199	198	138	60	7	2	2	1	16	12
21 Leukemia 204-208	51	35	16		1		2	4	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	74	52	22	1		3		8	4
23 Benign neoplasms and neoplasms of unspecified nature 210-239	18	14	4						1
24 Diabetes mellitus 250	120	58	62	2	2	1	4	9	6
25 Nutritional deficiencies 260-269	4	4							
26 Anemias 280-285	11	3	8		2				2
27 Meningitis 320-322	3	2	1						
28 Major cardiovascular diseases 390-448	3,073	1,983	1,090	51	28	65	42	311	128
29 Diseases of heart 390-398, 402, 404-429	2,485	1,609	876	41	24	53	33	261	104
30 Rheumatic fever and rheumatic heart disease 390-398	9	7	2					1	
31 Hypertensive heart disease 402	90	39	51	1	1	2	2	5	7
32 Hypertensive heart & renal disease ... 404	16	3	13						2
33 Ischemic heart disease 410-414	1,549	1,068	481	30	17	34	21	190	66
34 Acute myocardial infarction 410	737	491	246	15	8	22	15	82	24
35 Other ischemic heart disease ... 411-414	812	577	235	15	9	12	6	108	42
36 Other diseases of endocardium 424	24	15	9	1			2	3	1
37 All other forms of heart disease 415-423, 425-429	797	477	320	9	6	17	8	62	28
38 Hypertension 401, 403	35	17	18			1	2	2	1
39 Cerebrovascular diseases. 430-438	429	266	163	7	4	9	6	43	18
40 Atherosclerosis 440	63	50	13	3		2	1	2	4
41 Other diseases of arteries, arterioles, and capillaries 441-448	61	41	20					3	1
42 Acute bronchitis and bronchiolitis 466	2	2		1					
43 Pneumonia and influenza 480-487	229	155	74	5	3	3	5	25	10
44 Chronic obstructive pulmonary diseases 490-496	230	194	36	5	1	3	1	31	5
45 Ulcer of stomach and duodenum 531-533	9	6	3		1				
46 Appendicitis 540-543	1		1						1
47 Hernia & intestinal obstruction .. 550-553, 560	21	15	6		1			3	
48 Chronic liver disease and cirrhosis 571	78	49	29		1	1		6	
49 Cholelithiasis and other disorders of gall bladder 574-575	10	10							
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	85	36	49			1	3	4	9
51 Infections of kidney 590	7	3	4				1	1	1
52 Hyperplasia of prostate 600	1	1							
53 Complications of pregnancy, childbirth, and the puerperium 630-676	1	1							
54 Congenital anomalies 740-759	50	31	19		1		1	1	1
55 Certain conditions originating in the perinatal period 760-779	110	48	62		2			7	6
56 Symptoms and ill-defined conditions .. 780-799	69	42	27	2	1			5	3
57 All other diseases Residual	559	334	225	10	11	12	9	62	24
58 Accidents E800-E949	356	218	138	4	6	4	9	35	16
59 Motor vehicle accidents E810-E825	158	107	51	2	3	2	7	15	7
60 Home accidents (Home) E850-E949	88	50	38		2		1	8	2
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	110	61	49	2	1	2	1	12	7
62 Suicide E950-E959	124	105	19	1	1	2	1	7	2
63 Homicide and legal intervention E960-E978	113	45	68				3	8	4
64 Other external causes E980-E999	6		6		1				

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 20 (continued)

Cause of Death	Franklin City		Norfolk		Portsmouth		Suffolk		Virginia Beach	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	46	49	1,306	1,004	592	513	267	272	1,394	235
1 Shigellosis and amebiasis 004,006										
2 Certain other intestinal infections .. 007-009										
3 Tuberculosis, all forms 010-018				2		1	1	1	1	
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036										
7 Septicemia 038	1	1	17	11	8	9	4	5	6	2
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070										
11 Syphilis 090-097										
12 Other infectious & parasitic diseases										
..... Residual of 001-139										
13 Malignant neoplasms 140-208	8	13	286	218	147	119	55	58	383	57
14 Lip, oral cavity and pharynx 140-149		1	6	6	4	4	2	1	5	4
15 Digestive organs and peritoneum 150-159		2	78	60	37	20	14	14	84	13
16 Respiratory & intrathoracic organs .. 160-165	4	4	79	67	42	32	19	19	124	21
17 Breast 174-175	1		19	14	25	10	4	3	38	2
18 Genital organs 179-187	2	4	28	34	11	24	2	9	36	6
19 Urinary organs 188-189		1	9	6	6	6	1		15	2
20 Other & unspecified sites .. 170-173,190-199			40	18	13	16	9	7	51	4
21 Leukemia 204-208		1	14	5	4	2	1	2	12	3
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	1		13	8	5	5	3	3	18	2
23 Benign neoplasms and neoplasms of unspecified nature 210-239		1	3	2	4		2		5	
24 Diabetes mellitus 250			19	22	6	14	3	13	18	1
25 Nutritional deficiencies 260-269			1				2		1	
26 Anemias 280-285				3		1			3	
27 Meningitis 320-322							1	1	1	
28 Major cardiovascular diseases 390-448	26	25	599	432	273	222	119	109	539	104
29 Diseases of heart 390-398,402,404-429	18	17	482	351	226	181	97	86	431	80
30 Rheumatic fever and rheumatic heart disease 390-398			3	1				1	3	
31 Hypertensive heart disease 402			16	22	3	6	4	8	8	5
32 Hypertensive heart & renal disease ... 404			2	6		2		3	1	
33 Ischemic heart disease 410-414	11	8	296	174	148	100	62	52	297	43
34 Acute myocardial infarction 410	4	6	145	81	73	59	37	38	113	15
35 Other ischemic heart disease ... 411-414	7	2	151	93	75	41	25	14	184	28
36 Other diseases of endocardium 424			4	4		1		1	7	
37 All other forms of heart disease 415-423,425-429	7	9	161	144	75	72	31	21	115	32
38 Hypertension 401,403	1		4	7	2	5	1		6	3
39 Cerebrovascular diseases. 430-438	3	8	87	62	39	32	11	16	67	17
40 Atherosclerosis 440	2		15	4	2		7	3	17	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	2		11	8	4	4	3	4	18	3
42 Acute bronchitis and bronchiolitis 466									1	
43 Pneumonia and influenza 480-487	1	3	51	30	22	14	8	4	40	5
44 Chronic obstructive pulmonary diseases 490-496	1	1	62	3	26	11	10	8	56	6
45 Ulcer of stomach and duodenum 531-533			1		3	2			2	
46 Appendicitis 540-543										
47 Hernia & intestinal obstruction .. 550-553,560			3	3	1	1	1	1	7	
48 Chronic liver disease and cirrhosis 571	2		14	17	6	5	7	4	13	2
49 Cholelithiasis and other disorders of gall bladder 574-575			4				1		5	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	1		9	20	5	7	5	4	11	6
51 Infections of kidney 590			1						1	
52 Hyperplasia of prostate 600			1							
53 Complications of pregnancy, childbirth, and the puerperium 630-676			1							
54 Congenital anomalies 740-759	1		7	8	3	1	2	1	17	6
55 Certain conditions originating in the perinatal period 760-779		2	14	28	4	11	2	3	21	10
56 Symptoms and ill-defined conditions .. 780-799		1	12	15	9	4	2	2	12	1
57 All other diseases Residual	3	1	101	95	40	41	23	26	83	18
58 Accidents E800-E949	2	1	56	46	17	27	12	24	88	9
59 Motor vehicle accidents E810-E825	1		23	11	10	8	10	8	44	7
60 Home accidents (Home) E850-E949			21	18	3	8	6	6	18	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	1	1	12	17	4	11	2	10	26	1
62 Suicide E950-E959			25	6	11	4	3	3	56	2
63 Homicide and legal intervention E960-E978			12	39	5	15	2	3	18	4
64 Other external causes E980-E999				1		3				1

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 21

Cause of Death	Planning District 21			James City County		York		Hampton	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	2,676	1,758	918	116	47	130	50	621	309
1 Shigellosis and amebiasis 004-006									
2 Certain other intestinal infections .. 007-009									
3 Tuberculosis, all forms 010-018	1	1						1	
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	31	14	17	1	2	1		5	4
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070	1	1						1	
11 Syphilis 090-097									
12 Other infectious & parasitic diseases									
..... Residual of 001-139	15	8	7				1	5	1
13 Malignant neoplasms 140-208	678	452	226	29	9	47	12	158	79
14 Lip, oral cavity and pharynx 140-149	15	10	5	2		1		3	1
15 Digestive organs and peritoneum 150-159	149	93	56	8	3	13	5	31	22
16 Respiratory & intrathoracic organs . 160-165	220	150	70	5	5	11	2	62	22
17 Breast 174-175	58	39	19	2		7		12	8
18 Genital organs 179-187	77	42	35	5		3	2	13	13
19 Urinary organs 188-189	29	19	10	2	1	4	1	5	2
20 Other & unspecified sites .. 170-173, 190-199	88	65	23	4		5	2	20	7
21 Leukemia 204-208	17	12	5	1				4	4
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	25	22	3			3		8	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	12	9	3			2		4	
24 Diabetes mellitus 250	51	27	24	1		2	3	6	8
25 Nutritional deficiencies 260-269	2	1	1					1	
26 Anemias 280-285	4	3	1		1			1	
27 Meningitis 320-322	2	1	1					1	
28 Major cardiovascular diseases 390-448	1,125	756	369	53	15	52	20	254	125
29 Diseases of heart 390-398, 402, 404-429	889	624	265	45	14	43	16	203	84
30 Rheumatic fever and rheumatic heart disease 390-398	8	6	2			1		1	
31 Hypertensive heart disease 402	21	9	12		1			4	5
32 Hypertensive heart & renal disease ... 404	5	2	3		1				
33 Ischemic heart disease 410-414	554	401	153	26	7	34	8	133	51
34 Acute myocardial infarction 410	254	188	66	19	3	16	5	66	23
35 Other ischemic heart disease ... 411-414	300	213	87	7	4	18	3	67	28
36 Other diseases of endocardium 424	9	9		2		1		1	
37 All other forms of heart disease 415-423, 425-429	292	197	95	17	5	7	8	64	28
38 Hypertension 401, 403	10	2	8	1				1	3
39 Cerebrovascular diseases. 430-438	176	103	73	4		7	2	38	29
40 Atherosclerosis 440	26	10	16	1	1		2	7	6
41 Other diseases of arteries, arterioles, and capillaries 441-448	24	17	7	2		2		5	3
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	67	47	20	2	2	1		15	6
44 Chronic obstructive pulmonary diseases 490-496	90	71	19	5		4		36	9
45 Ulcer of stomach and duodenum 531-533	9	5	4	1		1		1	2
46 Appendicitis 540-543	2	1	1						1
47 Hernia & intestinal obstruction .. 550-553, 560	8	5	3	1				1	2
48 Chronic liver disease and cirrhosis 571	21	17	4	1	1	2		7	2
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1						1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	30	15	15		2	1		6	4
51 Infections of kidney 590	2	1	1		1			1	
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	14	6	8		1	1		1	4
55 Certain conditions originating in the perinatal period 760-779	51	25	26		1		1	12	7
56 Symptoms and ill-defined conditions .. 780-799	26	14	12	3	3		1	6	2
57 All other diseases Residual	239	158	81	12	3	5	5	55	27
58 Accidents E800-E949	114	71	43	3	3	9	5	25	16
59 Motor vehicle accidents E810-E825	53	38	15	1	2	8	4	13	4
60 Home accidents (Home) E850-E949	19	8	11		1			3	3
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	42	25	17	2		1	1	9	9
62 Suicide E950-E959	48	41	7	4		1	1	15	3
63 Homicide and legal intervention E960-E978	30	7	23		3	1	1	2	7
64 Other external causes E980-E999	2		2						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 21 (continued)

Cause of Death	Newport News		Poquoson		Williamsburg	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	766	493	60		65	19
1 Shigellosis and amebiasis 004-006						
2 Certain other intestinal infections .. 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	6	11			1	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139	3	4				1
13 Malignant neoplasms 140-208	186	119	15		17	7
14 Lip, oral cavity and pharynx 140-149	4	4				
15 Digestive organs and peritoneum 150-159	37	25	2		2	1
16 Respiratory & intrathoracic organs .. 160-165	55	37	8		9	4
17 Breast 174-175	15	11	1		2	
18 Genital organs 179-187	18	19	2		1	1
19 Urinary organs 188-189	8	6				
20 Other & unspecified sites .. 170-173,190-199	34	13			2	1
21 Leukemia 204-208	6	1	1			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	9	3	1		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2	3			1	
24 Diabetes mellitus 250	18	13				
25 Nutritional deficiencies 260-269		1				
26 Anemias 280-285	1				1	
27 Meningitis 320-322		1				
28 Major cardiovascular diseases 390-448	350	202	23		24	7
29 Diseases of heart 390-398,402,404-429	298	147	19		16	4
30 Rheumatic fever and rheumatic heart disease 390-398	4	2				
31 Hypertensive heart disease 402	5	6				
32 Hypertensive heart & renal disease ... 404	1	2	1			
33 Ischemic heart disease 410-414	181	86	13		14	1
34 Acute myocardial infarction 410	73	35	9		5	
35 Other ischemic heart disease ... 411-414	108	51	4		9	1
36 Other diseases of endocardium 424	5					
37 All other forms of heart disease 415-423,425-429	102	51	5		2	3
38 Hypertension 401,403		5				
39 Cerebrovascular diseases. 430-438	43	40	3		8	2
40 Atherosclerosis 440	2	6				1
41 Other diseases of arteries, arterioles, and capillaries 441-448	7	4	1			
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	25	11	4			1
44 Chronic obstructive pulmonary diseases 490-496	21	10	3		2	
45 Ulcer of stomach and duodenum 531-533	1	2			1	
46 Appendicitis 540-543	1					
47 Hernia & intestinal obstruction .. 550-553,560	2	1	1			
48 Chronic liver disease and cirrhosis 571	6	1			1	
49 Cholelithiasis and other disorders of gall bladder 574-575						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	6	9	1		1	
51 Infections of kidney 590						
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	4	3				
55 Certain conditions originating in the perinatal period 760-779	12	16	1			1
56 Symptoms and ill-defined conditions .. 780-799	3	6			2	
57 All other diseases Residual	73	44	4		9	2
58 Accidents E800-E949	26	19	4		4	
59 Motor vehicle accidents E810-E825	13	5	2		1	
60 Home accidents (Home) E850-E949	5	7				
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	8	7	2		3	
62 Suicide E950-E959	17	3	3		1	
63 Homicide and legal intervention E960-E978	3	12	1			
64 Other external causes E980-E999		2				

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1986
PLANNING DISTRICT 22

Cause of Death	Planning District 22			Accomack		Northampton	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	609	387	222	300	130	87	92
1 Shigellosis and amebiasis 004-006							
2 Certain other intestinal infections .. 007-009							
3 Tuberculosis, all forms 010-018	4	1	3	1	1		2
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	7	5	2	3	1	2	1
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070							
11 Syphilis 090-097	1		1				1
12 Other infectious & parasitic diseases							
..... Residual of 001-139	2	1	1	1	1		
13 Malignant neoplasms 140-208	142	90	52	67	31	23	21
14 Lip, oral cavity and pharynx 140-149	3	1	2		2		
15 Digestive organs and peritoneum 150-159	34	21	13	18	7	3	6
16 Respiratory & intrathoracic organs . 160-165	41	27	14	17	4	10	10
17 Breast 174-175	13	7	6	7	5		1
18 Genital organs 179-187	18	10	8	8	6	2	2
19 Urinary organs 188-189	4	4		3		1	
20 Other & unspecified sites .. 170-173, 190-199	17	10	7	8	5	2	2
21 Leukemia 204-208	4	3	1	3	1		
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	8	7	1	2	1	5	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2	1	1	1	1		
24 Diabetes mellitus 250	18	12	6	10	6	2	
25 Nutritional deficiencies 260-269	3	3				3	
26 Anemias 280-285	1	1		1			
27 Meningitis 320-322							
28 Major cardiovascular diseases 390-448	271	168	103	135	61	33	42
29 Diseases of heart 390-398, 402, 404-429	201	139	62	113	43	26	19
30 Rheumatic fever and rheumatic heart disease 390-398	2	1	1	1	1		
31 Hypertensive heart disease 402	41	30	11	26	10	4	1
32 Hypertensive heart & renal disease ... 404	2		2		2		
33 Ischemic heart disease 410-414	96	71	25	54	10	17	15
34 Acute myocardial infarction 410	72	49	23	36	10	13	13
35 Other ischemic heart disease ... 411-414	24	22	2	18		4	2
36 Other diseases of endocardium 424	1	1		1			
37 All other forms of heart disease							
..... 415-423, 425-429	59	36	23	31	20	5	3
38 Hypertension 401, 403	6	2	4	2	3		1
39 Cerebrovascular diseases 430-438	56	23	33	17	13	6	20
40 Atherosclerosis 440	2	1	1		1	1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	6	3	3	3	1		2
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	15	9	6	7	1	2	5
44 Chronic obstructive pulmonary diseases 490-496	27	21	6	16	2	5	4
45 Ulcer of stomach and duodenum 531-533	2	2		2			
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction .. 550-553, 560	1		1		1		
48 Chronic liver disease and cirrhosis 571	5	4	1	4	1		
49 Cholelithiasis and other disorders of gall bladder 574-575	1		1		1		
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	2	1	1	1	1		
51 Infections of kidney 590	1	1		1			
52 Hyperplasia of prostate 600	1	1		1			
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	2		2		2		
55 Certain conditions originating in the perinatal period 760-779	9	4	5	2	3	2	2
56 Symptoms and ill-defined conditions .. 780-799	7	3	4	1	2	2	2
57 All other diseases Residual	50	35	15	28	8	7	7
58 Accidents E800-E949	26	19	7	14	4	5	3
59 Motor vehicle accidents E810-E825	14	10	4	6	3	4	1
60 Home accidents (Home) E850-E949	1	1		1			
61 All other accidents E800-E807, E826-E849 (Other) E850-E949	11	8	3	7	1	1	2
62 Suicide E950-E959	6	3	3	2	2	1	1
63 Homicide and legal intervention E960-E978	3	2	1	2			1
64 Other external causes E980-E999							

TABLE 47 - MARRIAGES BY PLACE OF MARRIAGE, RESIDENCE OF BRIDE, AND RESIDENCE OF GROOM
BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1986

Planning District/ City or County	PLACE OF MARRIAGE			RESIDENCE OF BRIDE			RESIDENCE OF GROOM		
	Total	White*	Nonwhite*	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	66,666	53,494	13,172	66,666	53,651	13,015	66,666	53,494	13,172
District 1	1,457	1,433	24	805	796	9	738	727	11
Lee	248	246	2	176	176		164	162	2
Scott	438	432	6	195	195		167	167	
Wise	717	702	15	395	389	6	380	374	6
Norton	54	53	1	39	36	3	27	24	3
District 2	2,198	2,149	49	1,173	1,158	15	1,164	1,153	11
Buchanan	638	636	2	304	303	1	314	313	1
Dickenson	528	522	6	176	171	5	175	172	3
Russell	314	307	7	268	266	2	257	255	2
Tazewell	718	684	34	425	418	7	418	413	5
District 3	2,197	2,133	64	1,574	1,542	32	1,477	1,442	35
Blair	105	102	3	39	39		56	54	2
Carroll	345	339	6	270	268	2	255	252	3
Grayson	169	165	4	151	147	4	146	144	2
Smyth	322	316	6	295	293	2	287	282	5
Washington	484	477	7	391	386	5	350	346	4
Wythe	328	318	10	224	219	5	207	202	5
Bristol	357	331	26	157	144	13	134	121	13
Galax	87	85	2	47	46	1	42	41	1
District 4	2,741	2,639	102	1,244	1,196	48	1,219	1,165	54
Floyd	89	87	2	87	86	1	81	77	4
Giles	1,616	1,569	47	146	144	2	153	150	3
Montgomery	582	544	38	595	560	35	576	545	31
Pulaski	327	318	9	318	314	4	309	300	9
Radford	127	121	6	98	92	6	100	93	7
District 5	2,810	2,521	289	2,362	2,114	248	2,228	1,972	256
Alleghany	102	96	6	87	86	1	80	79	1
Botetourt	176	169	7	168	162	6	179	171	8
Craig	29	29		30	30		35	35	
Roanoke	569	553	16	622	605	17	534	519	15
Clifton Forge	171	166	5	51	45	6	55	50	5
Covington	304	289	15	88	84	4	90	82	8
Roanoke City	1,225	1,000	225	1,088	881	207	1,056	844	212
Salem	234	219	15	228	221	7	199	192	7
District 6	2,267	2,139	128	1,926	1,841	85	1,866	1,763	103
Augusta	383	366	17	436	423	13	427	410	17
Bath	156	151	5	48	44	4	49	44	5
Highland	66	66		13	13		14	14	
Rockbridge	111	107	4	147	141	6	144	139	5
Rockingham	588	567	21	653	640	13	652	627	25
Buena Vista	105	103	2	78	77	1	63	60	3
Harrisonburg	195	183	12	74	72	2	67	64	3
Lexington	85	77	8	20	18	2	34	31	3
Staunton	336	298	38	215	188	27	192	167	25
Waynesboro	242	221	21	242	225	17	224	207	17
District 7	3,251	3,120	131	1,417	1,364	53	1,339	1,283	56
Clarke	114	104	10	94	89	5	83	75	8
Frederick	251	248	3	361	357	4	353	349	4
Page	204	201	3	184	181	3	171	168	3
Shenandoah	323	317	6	283	279	4	269	264	5
Warren	240	221	19	186	174	12	178	168	10
Winchester	2,119	2,029	90	309	284	25	285	259	26
District 8	15,337	11,747	3,590	12,067	9,958	2,109	11,626	9,551	2,075
Arlington	3,221	1,901	1,320	1,880	1,272	608	1,938	1,341	597
Fairfax	6,086	5,217	869	5,450	4,747	703	5,147	4,447	700
Loudoun	813	744	69	668	597	71	619	563	56
Prince William	1,305	1,157	148	1,743	1,555	188	1,741	1,557	184
Alexandria	2,918	1,814	1,104	1,713	1,274	439	1,608	1,161	447
Fairfax City	116	111	5	251	222	29	220	194	26
Falls Church	372	354	18	260	196	64	257	197	60
Manassas	499	442	57	86	81	5	82	78	4
Manassas Park	7	7		16	14	2	14	13	1
District 9	1,030	877	153	885	750	135	894	759	135
Culpeper	215	175	42	219	175	44	212	167	45
Fauquier	460	402	58	362	318	44	370	322	48
Madison	104	84	20	80	66	14	79	64	15
Orange	185	155	30	178	147	31	184	159	25
Rappahannock	66	63	3	46	44	2	49	47	2
District 10	1,419	1,231	188	1,281	1,110	171	1,260	1,077	183
Albemarle	471	420	51	456	422	34	436	399	37
Fluvanna	80	69	11	68	59	9	87	75	12
Greene	66	62	4	78	74	4	70	63	7
Louisa	157	129	28	159	126	33	169	138	31
Nelson	101	83	18	86	73	13	79	68	11
Charlottesville	544	468	76	434	356	78	419	334	85
District 11	1,731	1,438	293	1,651	1,395	256	1,604	1,354	250
Amherst	253	209	44	227	189	38	226	188	38
Appomattox	111	89	22	115	92	23	103	85	18
Bedford	326	303	23	310	283	27	312	284	28
Campbell	300	262	38	374	325	49	359	316	43
Bedford City	56	41	15	60	45	15	53	41	12
Lynchburg	685	554	131	564	461	104	551	440	111

*Refers to the race of the groom.

(continued)

TABLE 47 - MARRIAGES BY PLACE OF MARRIAGE, RESIDENCE OF BRIDE, AND RESIDENCE OF GROOM
BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1986 (continued)

Planning District/ City or County	PLACE OF MARRIAGE			RESIDENCE OF BRIDE			RESIDENCE OF GROOM		
	Total	White*	Nonwhite*	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	66,666	53,494	13,172	66,666	53,651	13,015	66,666	53,494	13,172
District 12	2,421	1,898	523	2,159	1,702	457	2,050	1,609	441
Franklin	307	259	48	281	250	31	281	248	33
Henry	459	392	67	606	492	114	576	477	99
Patrick	190	182	8	158	152	6	141	134	7
Pittsylvania	525	406	119	501	385	116	481	364	117
Danville	543	385	158	426	294	132	390	266	124
Martinsville	397	274	123	187	129	58	181	120	61
District 13	717	456	261	570	355	215	562	341	221
Brunswick	111	61	50	91	47	44	92	47	45
Halifax	277	180	97	241	160	81	242	152	90
Mecklenburg	292	193	99	228	143	85	219	137	82
South Boston	37	22	15	10	5	5	9	5	4
District 14	689	459	230	589	404	185	578	386	192
Amelia	73	46	27	74	52	22	64	43	21
Buckingham	109	67	42	79	50	29	89	56	33
Charlotte	98	71	27	91	63	28	92	63	29
Cumberland	48	27	21	51	34	17	48	29	19
Lunenburg	88	60	28	79	60	19	74	57	17
Nottoway	141	101	40	118	90	28	115	85	30
Prince Edward	132	87	45	97	55	42	96	53	43
District 15	6,469	4,689	1,780	6,657	4,894	1,763	6,391	4,627	1,764
Charles City Co.	62	27	35	54	20	34	56	21	35
Chesterfield	1,175	1,071	104	1,479	1,337	142	1,416	1,280	136
Goochland	138	86	52	108	77	31	114	76	38
Hanover	449	391	58	480	421	59	443	392	51
Henrico	1,381	1,208	173	1,926	1,641	285	1,807	1,543	264
New Kent	62	50	12	75	58	17	85	67	18
Powhatan	125	99	26	101	84	17	101	88	13
Richmond City	3,077	1,757	1,320	2,434	1,256	1,178	2,369	1,160	1,209
District 16	1,381	1,176	205	1,268	1,098	170	1,243	1,072	171
Caroline	139	84	55	137	88	49	143	98	45
King George	135	118	17	105	93	12	90	76	14
Spotsylvania	317	266	51	399	355	44	374	336	38
Stafford	380	351	29	389	369	20	390	365	25
Fredericksburg	410	357	53	238	193	45	246	197	49
District 17	351	258	93	286	209	77	296	224	72
Lancaster	89	71	18	62	43	19	54	40	14
Northumberland	68	50	18	64	48	16	68	51	17
Richmond	60	39	21	46	32	14	55	39	16
Westmoreland	134	98	36	114	86	28	119	94	25
District 18	604	474	130	558	437	121	542	432	110
Essex	74	52	22	79	50	29	59	41	18
Gloucester	238	203	35	260	228	32	239	211	28
King and Queen	59	30	29	41	20	21	36	18	18
King William	80	65	15	71	56	15	79	62	17
Mathews	80	67	13	59	45	14	68	55	13
Middlesex	73	57	16	48	38	10	61	45	16
District 19	1,844	1,158	686	1,398	870	528	1,340	856	484
Dinwiddie	123	81	42	145	100	45	148	107	41
Greensville	35	19	16	62	32	30	68	34	34
Prince George	192	145	47	159	125	34	172	146	26
Surry	48	22	26	48	23	25	56	24	32
Sussex	101	43	58	98	37	61	88	34	54
Colonial Heights	266	247	19	173	170	3	148	146	2
Emporia	295	157	138	64	34	30	52	28	24
Hopewell	306	233	73	286	221	65	268	207	61
Petersburg	478	211	267	363	128	235	340	130	210
District 20	10,889	7,976	2,913	9,792	7,131	2,661	9,667	7,070	2,597
Isle of Wight	209	146	63	183	121	62	180	124	56
Southampton	171	75	96	178	90	88	199	106	93
Chesapeake	1,003	755	248	1,185	887	298	1,130	857	273
Franklin City	52	28	24	36	16	20	31	13	18
Norfolk	3,886	2,554	1,332	3,094	2,000	1,094	3,301	2,156	1,145
Portsmouth	1,127	643	484	982	546	436	908	534	374
Suffolk	442	248	194	395	214	181	366	194	172
Virginia Beach	3,999	3,527	472	3,739	3,257	482	3,552	3,086	466
District 21	4,326	3,152	1,174	3,782	2,680	1,102	3,662	2,633	1,029
James City Co.	134	88	46	247	196	51	244	194	50
York	265	240	25	298	266	32	259	223	36
Hampton	1,298	883	415	1,311	877	434	1,219	827	392
Newport News	1,949	1,321	628	1,731	1,173	558	1,749	1,222	527
Poquoson	68	68		76	76		63	63	
Williamsburg	612	552	60	119	92	27	128	104	24
District 22	432	289	143	334	210	124	333	207	126
Accomack	296	213	83	213	135	78	219	144	75
Northampton	136	76	60	121	75	46	114	63	51
Unknown	100	59	41	4	3	1	4	4	
Out-of-State	5	3	2	12,884	10,434	2,450	14,583	11,787	2,796

TABLE 48
MARRIAGES BY TYPE OF CEREMONY BY MONTH
VIRGINIA, 1986

Month	Total	Type of Ceremony		
		Religious	Civil	Unknown
TOTAL	66,666	41,973	24,597	96
January	3,303	1,720	1,583	
February	4,029	2,204	1,825	
March	4,391	2,503	1,888	
April	5,132	3,232	1,900	
May	7,082	4,706	2,376	
June	7,665	5,378	2,283	4
July	5,712	3,515	2,196	1
August	7,110	4,721	2,376	13
September	5,793	3,880	1,883	30
October	5,686	3,675	1,993	18
November	5,320	3,355	1,947	18
December	5,443	3,084	2,347	12

TABLE 49
MARRIAGES BY PREVIOUS MARITAL STATUS OF BRIDE BY PREVIOUS MARITAL STATUS OF GROOM
ACCORDING TO RACE OF GROOM, VIRGINIA, 1986

Previous Marital Status of Groom	Total	Previous Marital Status of Bride				
		Single	Widowed	Divorced	Annulled	Unknown
TOTAL	66,666	42,388	2,361	21,797	5	115
Single	42,555	34,457	394	7,637	2	65
Widowed	2,121	295	883	936		7
Divorced	21,930	7,609	1,081	13,204	3	33
Annulled	3	2		1		
Unknown	57	25	3	19		10
WHITE (Total)	53,494	32,407	1,968	19,021	5	93
Single	32,763	26,061	284	6,367	2	49
Widowed	1,741	199	764	774		4
Divorced	18,944	6,129	917	11,863	3	32
Annulled	3	2		1		
Unknown	43	16	3	16		8
NONWHITE (Total)	13,172	9,981	393	2,776		22
Single	9,792	8,396	110	1,270		16
Widowed	380	96	119	162		3
Divorced	2,986	1,480	164	1,341		1
Annulled	-					
Unknown	14	9		3		2

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TABLE 50 - MARRIAGES BY AGE OF BRIDE BY AGE OF GROOM, VIRGINIA, 1986

AGE OF GROOM (in years)	Total	AGE OF BRIDE (in years)																														
		Under 15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	
TOTAL	66,666	41	145	888	1,349	3,546	3,765	4,001	4,375	4,511	4,410	4,022	3,612	3,258	2,885	2,544	2,331	2,083	1,849	1,652	1,457	1,296	5,411	3,029	1,716	951	559	427	308	152	93	
Under 15																																
15		-3					2																									
16		61	4	8	13	9	12	11			2					2																
17		317	6	14	84	75	72	30	10		4	1			1	4		3				1										
18		1,320	8	24	171	211	402	198	118	68	24	19	15	15	11	6					1		6	2		1						
19		2,216	6	33	161	242	586	481	256	152	83	55	34	29	28	12	14	12			2	4	2		11		1					
20		3,128	4	24	126	247	638	627	514	310	182	121	82	49	44	37	24	19	11	17	10	9	4	22	5	2						
21		3,728	5	14	94	162	521	619	601	551	354	224	171	95	93	62	36	24	14	16	14	11	7	31	7	2						
22		4,295	1	7	73	147	394	509	576	716	634	414	250	152	92	81	58	30	36	21	28	11	10	39	10	5	1					
23		4,263	2	7	59	78	293	319	507	619	678	580	335	220	119	101	73	65	59	36	20	15	9	54	12	2	1					
24		4,254	2	8	36	59	157	281	373	502	606	587	504	316	195	142	104	82	71	52	45	33	24	58	12	3	1					
25		3,950		1	20	39	121	193	257	386	469	533	488	423	291	188	130	106	79	58	32	23	22	67	20	2	1					
26		3,606		1	14	29	84	115	215	253	361	398	431	379	366	235	172	126	100	71	54	45	41	91	20	4						
27		3,147			9	8	57	92	129	183	235	293	363	367	316	291	194	127	95	89	68	55	28	115	27	6						
28		3,041	1		6	11	56	70	94	144	190	280	261	311	326	268	212	208	130	107	82	64	53	115	44	5	3					
29		2,753		1	3	8	30	53	90	104	155	190	224	256	264	240	232	213	182	122	87	70	49	142	30	6	2					
30		2,327			2	2	21	34	62	70	124	162	150	183	210	202	187	168	158	120	94	89	54	182	41	7	5					
31		2,077		2	1	1	20	25	45	68	71	118	133	147	171	177	171	157	167	131	99	74	70	172	40	14	2	1				
32		1,930	1		3	4	11	25	27	55	56	96	119	140	116	135	151	147	151	133	99	88	70	236	50	14	2					
33		1,741		2		1	15	13	24	29	43	61	95	100	108	111	151	122	125	106	116	110	76	256	51	17	7	1	1			
34		1,574			3	10	12	19	29	46	49	69	94	81	102	106	114	108	114	107	99	84	236	64	19	6						
35-39		6,368	1	1	6	8	36	41	56	94	125	156	189	215	274	303	327	380	357	398	400	364	339	1,533	540	171	39	11	2			
40-44		3,854			3	4	6	12	15	22	47	40	73	82	92	111	127	151	147	154	198	160	208	1,059	780	264	79	12	7	1		
45-49		2,382					1	2	11	8	18	19	22	27	39	43	35	51	62	58	68	82	87	546	635	399	125	29	9	2	2	
50-54		1,431		1	1			1	1		4	8	5	10	13	19	16	17	14	18	19	27	31	248	324	364	205	58	20	5	2	
55-59		1,099						1		1		1	1	7	2	4	11	9	6	6	10	3	13	19	122	184	234	221	159	59	22	2
60-64		742				2				1			1		2	1	1	1	4	6	4	6	4	37	84	111	146	148	124	39	14	6
65-69		524										1				1		2				1	22	35	44	72	88	114	109	21	7	
70-74		282								1			2				2	2	2				1	6	5	15	23	32	47	75	58	15
75+		253								1	1				1					1		1	5	6	4	10	19	43	53	52	57	

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TABLE 51 - DIVORCES (INCLUDING ANNULMENTS) BY RACE OF HUSBAND AND CAUSE OF DIVORCE
BY PLANNING DISTRICT AND CITY OR COUNTY WHERE GRANTED, VIRGINIA, 1986

Planning District/ City or County	ALL DIVORCES (Including Annulments)			CAUSE OF DIVORCE					
	Total	White	Nonwhite	Separation	Desertion	Adultery	Imprison- ment	Other & Unknown	Annul- ments
STATE OF VIRGINIA	24,875	20,887	3,988	23,255	885	293	68	302	72
District 1	364	363	1	329	18	7		2	8
Lee	102	102		95	4	1		1	1
Scott	93	93		86	4	1			2
Wise	169	168	1	148	10	5		1	5
Norton	(Included with Wise County)								
District 2	473	469	4	430	25	5	1	10	2
Buchanan	117	116	1	104	7	1		4	1
Dickenson	63	63		54	7	2			
Russell	92	91	1	87	1		1	2	1
Tazewell	201	199	2	185	10	2		4	
District 3	716	705	11	657	37	7	4	9	2
Bland	28	28		25	3				
Carroll	118	117	1	109	3	3	1	2	
Grayson	94	93	1	79	10	2	1	2	
Smyth	143	143		134	8			1	
Washington	183	180	3	171	5	2	2	2	1
Wythe	95	93	2	88	5			1	1
Bristol	55	51	4	51	3			1	
Galax	(Included with Carroll and Grayson Cos.)								
District 4	580	567	13	537	23	4	2	12	2
Floyd	41	39	2	35	4			1	1
Giles	76	76		68	3	4		1	
Montgomery	288	282	6	266	12		1	8	1
Pulaski	136	133	3	129	4		1	2	
Radford	39	37	2	39					
District 5	1,237	1,122	115	1,016	133	13	11	64	
Alleghany	76	70	6	57	9	1		9	
Botetourt	108	104	4	99	7	2			
Craig	24	24		21	3				
Roanoke	369	360	9	311	44	3	1	10	
Clifton Forge	17	15	2	11	3	1		2	
Covington	(Included with Alleghany County)								
Roanoke City	519	427	92	414	54	6	9	36	
Salem	124	122	2	103	13		1	7	
District 6	898	858	40	822	38	24	3	10	1
Augusta	236	232	4	202	20	10	1	2	1
Bath	22	18	4	17	2	1		2	
Highland	4	4		4					
Rockbridge	88	82	6	83	3	1	1		
Rockingham	315	309	6	300	5	8		2	
Buena Vista	38	37	1	37	1				
Harrisonburg	(Included with Rockingham County)								
Lexington	(Included with Rockbridge County)								
Staunton	105	94	11	96	3	2	1	3	
Waynesboro	90	82	8	83	4	2		1	
District 7	596	572	24	563	11	10	4	7	1
Clarke	44	41	3	44					
Frederick	168	166	2	164	2	2			
Page	75	72	3	62	3	2	1	6	1
Shenandoah	116	113	3	108	5	3			
Warren	90	85	5	84	1	1	3	1	
Winchester	103	95	8	101		2			
District 8	5,376	4,691	685	5,166	104	50	4	37	15
Arlington	725	583	142	695	16	2		6	6
Fairfax	3,018	2,656	362	2,923	46	29	1	13	6
Loudoun	270	258	12	262	5	1	1	1	
Prince William	860	798	62	823	16	14	1	5	1
Alexandria	503	396	107	463	21	4	1	12	2
Fairfax City	(Included with Fairfax County)								
Falls Church	(Included with Fairfax County)								
Manassas	(Included with Prince William County)								
Manassas Park	(Included with Prince William County)								
District 9	406	367	39	391	6	2	1	5	1
Culpeper	108	97	11	106	1		1		
Fauquier	175	156	19	171		1		2	1
Madison	34	32	2	32	1			1	
Orange	71	66	5	65	4	1		1	
Rappahannock	18	16	2	17				1	
District 10	541	474	67	515	12	6	2	6	
Albemarle	223	210	13	211	4	3	1	4	
Fluvanna	28	23	5	27				1	
Greene	36	36		35				1	
Louisa	48	43	5	43	3	2			
Nelson	39	31	8	39					
Charlottesville	167	131	36	160	5	1	1		
District 11	815	718	97	716	31	43	3	20	2
Amherst	120	104	16	104	6	2		8	
Appomattox	52	41	11	49	1	1		1	
Bedford	171	159	12	149	7	7	2	5	1
Campbell	222	212	10	188	14	15	1	3	1
Bedford City	(Included with Bedford County)								
Lynchburg	250	202	48	226	3	18		3	

(continued)

TABLE 51 - DIVORCES (INCLUDING ANNULMENTS) BY RACE OF HUSBAND AND CAUSE OF DIVORCE
BY PLANNING DISTRICT AND CITY OR COUNTY WHERE GRANTED, VIRGINIA, 1986 (continued)

Planning District/ City or County	ALL DIVORCES (Including Annulments)			CAUSE OF DIVORCE					
	Total	White	Nonwhite	Separation	Desertion	Adultery	Imprison- ment	Other & Unknown	Annul- ments
STATE OF VIRGINIA	24,875	20,887	3,988	23,255	885	293	68	302	72
District 12	1,046	857	189	965	52	9	6	11	3
Franklin	91	81	10	82	3	1	2	3	
Henry	353	294	59	319	23	3	3	4	1
Patrick	69	64	5	67	2				
Pittsylvania	254	201	53	243	6	1		2	2
Danville	200	159	41	184	9	4	1	2	
Martinsville	79	58	21	70	9				
District 13	300	198	102	285	11	1	1	2	
Brunswick	43	24	19	43					
Halifax	141	97	44	130	8	1	1	1	
Mecklenburg	116	77	39	112	3			1	
South Boston	(Included with Halifax County)								
District 14	266	178	88	250	10	3		2	1
Amelia	37	32	5	32	2			2	1
Buckingham	35	30	5	33	2				
Charlotte	36	17	19	33	2	1			
Cumberland	21	14	7	21					
Lunenburg	35	24	11	35					
Nottoway	48	31	17	45	2	1			
Prince Edward	54	30	24	51	2	1			
District 15	3,345	2,549	796	3,174	110	26	5	24	6
Charles City Co.	13	8	5	12	1				
Chesterfield	962	893	69	897	40	15	3	7	
Goochland	36	27	9	34		1		1	
Hanover	240	221	19	227	7	2		4	
Henrico	992	841	151	953	32	2		5	
New Kent	40	30	10	36	3		1		
Powhatan	50	45	5	49	1				
Richmond City	1,012	484	528	966	26	6	1	7	6
District 16	567	510	57	544	11	6	2	4	
Caroline	56	47	9	51	2	1		2	
King George	35	25	10	34				1	
Spotsylvania	204	186	18	198	4		1	1	
Stafford	191	184	7	185	2	4			
Fredericksburg	81	68	13	76	3	1	1		
District 17	120	97	23	117				3	
Lancaster	29	24	5	27				2	
Northumberland	26	21	5	25				1	
Richmond	18	14	4	18					
Westmoreland	47	38	9	47					
District 18	276	237	39	262	3	5	1	4	1
Essex	35	25	10	32	1	1	1		
Gloucester	111	104	7	108		2			1
King and Queen	20	13	7	18		1		1	
King William	28	24	4	26				2	
Mathews	41	34	7	39	1	1			
Middlesex	41	37	4	39	1			1	
District 19	622	420	202	582	17	10	2	11	
Dinwiddie	70	57	13	66	2			2	
Greensville	50	29	21	49			1		
Prince George	100	72	28	88	6	4	1	1	
Surry	14	7	7	14					
Sussex	35	22	13	34				1	
Colonial Heights	78	77	1	69	5	1		3	
Emporia	(Included with Greensville County)								
Hopewell	133	116	17	124	2	4		3	
Petersburg	142	40	102	138	2	1		1	
District 20	4,446	3,536	910	4,113	205	47	10	47	24
Isle of Wight	75	55	20	72		1		2	
Southampton	79	53	26	77	1				1
Chesapeake	588	464	124	545	29	5	2	4	3
Franklin City	(Included with Southampton County)								
Norfolk	1,196	823	373	1,088	71	7	3	16	11
Portsmouth	518	352	166	477	25	5	1	9	1
Suffolk	154	95	59	144	5		2	2	1
Virginia Beach	1,836	1,694	142	1,710	74	29	2	14	7
District 21	1,716	1,283	433	1,659	22	14	6	12	3
James City Co.	122	100	22	119	1		1	1	
York	183	164	19	172	2	4		5	
Hampton	518	376	142	501	8	3	2	2	2
Newport News	859	618	241	833	11	7	3	4	1
Poquoson	(Included with York County)								
Williamsburg	34	25	9	34					
District 22	169	116	53	162	6	1			
Accomack	111	81	30	104	6	1			
Northampton	58	35	23	58					

TABLE 52
DIVORCES (INCLUDING ANNULMENTS) AND ANNULMENTS ONLY BY RACE BY MONTH OF DECREE
VIRGINIA, 1986

Month	Final Divorces (including Annulments)			Annulments Only		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL	24,875	20,887	3,988	72	50	22
January	1,749	1,430	319	4	4	
February	1,681	1,389	292	3	2	1
March	1,894	1,584	310	4	4	
April	2,082	1,730	352	11	7	4
May	1,919	1,619	300	7	5	2
June	2,364	2,002	362	11	6	5
July	2,195	1,849	346	6	4	2
August	2,060	1,719	341	6	3	3
September	2,174	1,848	326	7	5	2
October	2,182	1,835	347	4	3	1
November	1,865	1,547	318	3	3	
December	2,710	2,335	375	6	4	2

TABLE 53
DIVORCES (INCLUDING ANNULMENTS) BY RACE OF HUSBAND BY PLACE OF MARRIAGE
AND NUMBER OF MINOR CHILDREN IN FAMILY, VIRGINIA, 1986

Place of Marriage/Minor Children	Total	White	Nonwhite
ALL DIVORCES AND ANNULMENTS	24,875	20,887	3,988
By place of marriage:			
State of Virginia	16,606	13,740	2,866
Outside of Virginia	8,252	7,135	1,117
Unknown	17	12	5
By number of minor children in family:			
No children	12,472	10,578	1,894
1 child	6,590	5,469	1,121
2 children	4,231	3,561	670
3 children	1,075	865	210
4 children	174	126	48
5 children	32	24	8
6 children	5	5	
7 children	3	3	
8 children			
9 children	2	2	
10 children or more			
Unknown	291	254	37

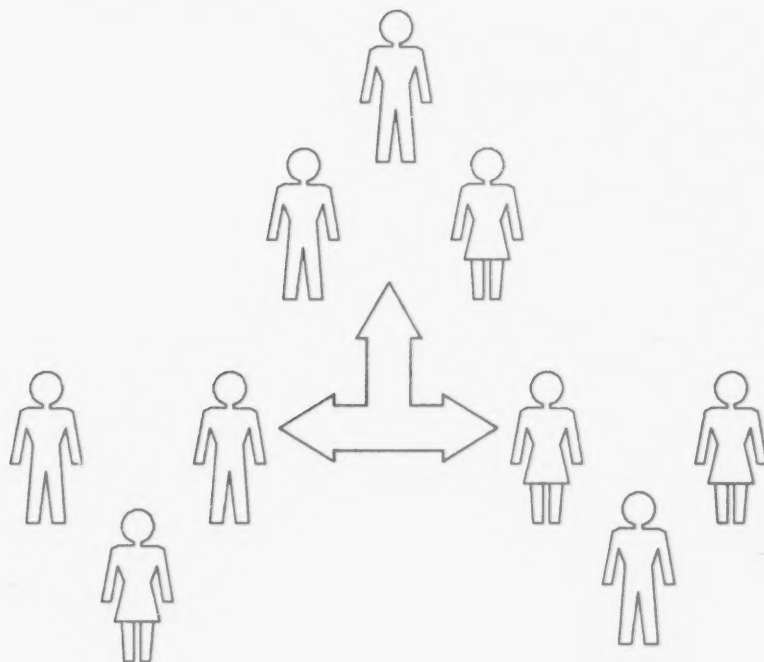
TABLE 54
DIVORCES (INCLUDING ANNULMENTS) BY DURATION OF MARRIAGE AND PERSON GRANTED DIVORCE
BY PLAINTIFF AND CAUSE OF DIVORCE, VIRGINIA, 1986

Cause	PLAINTIFF	TOTAL	DURATION OF MARRIAGE IN YEARS																	GRANTED TO			
			Under 1 Year	1	2	3	4	5	6	7	8	9	10- 14	15- 19	20- 24	25- 29	30- 34	35- 39	40+	Unk.	Husband	Wife	Other & Unknown
ALL CAUSES	Total	24,875	174	1,319	1,975	2,134	1,995	1,798	1,652	1,442	1,214	1,103	4,076	2,598	1,696	893	468	205	117	16	9,978	14,403	494
	Husband	9,850	67	557	760	873	734	679	609	538	461	403	1,633	1,109	672	390	203	87	63	12	9,298	397	155
	Wife	14,966	107	759	1,212	1,256	1,255	1,114	1,035	902	749	698	2,433	1,486	1,021	501	263	117	54	4	669	13,989	308
	Oth./Unk.	59		3	3	5	6	5	8	2	4	2	10	3	3	2	2	1			11	17	31
Separation for more than six months	Total	23,255	134	1,215	1,863	2,003	1,868	1,704	1,571	1,353	1,138	1,047	3,807	2,415	1,565	835	430	183	109	15	9,448	13,384	423
	Husband	9,302	53	511	718	809	690	643	589	510	428	387	1,544	1,060	638	373	192	85	61	11	8,828	340	134
	Wife	13,900	81	701	1,142	1,189	1,173	1,057	975	842	706	658	2,253	1,354	924	460	236	97	48	4	609	13,029	262
	Oth./Unk.	53		3	3	5	5	4	7	1	4	2	10	1	3	2	2	1			11	15	27
Desertion	Total	885	5	56	62	76	65	53	48	54	42	29	139	100	79	30	29	13	4	1	313	540	32
	Husband	326	3	28	29	41	27	21	13	20	22	9	47	27	17	11	9	2	1	1	277	37	12
	Wife	557	2	30	33	35	37	31	35	34	20	20	92	73	62	19	20	11	3		36	502	19
	Oth./Unk.	2				1	1														1	1	
Adultery, Sodomy	Total	293	4	5	12	22	22	18	10	11	15	15	61	40	32	18	5	3	2		137	155	1
	Husband	130	1	3	6	16	8	8	4	4	10	5	31	15	14	4	1				119	11	
	Wife	162	3	2	6	6	14	8	5	7	5	10	30	25	18	14	4	3	2		18	143	1
	Oth./Unk.	1							1														
Imprisonment	Total	68	3	7	11	8	5	3	7	2	5	2	12	2		1					3	65	
	Husband	5		1		1		1		2												2	
	Wife	63	3	6	11	7	5	2	5	2	5	2	12	2		1						63	
	Oth./Unk.																						
Cruelty	Total	201	2	9	12	16	20	18	11	16	7	6	31	25	11	7	4	5	1		17	175	9
	Husband	17			2	2	2	3		2			1	1	1	2	1				13	3	1
	Wife	184	2	9	10	14	18	15	11	14	7	6	30	24	10	5	3	5	1		4	172	8
	Oth./Unk.																						
Other/Unknown	Total	101		6	9	6	10	3	4	3	5	3	24	15	9	2		1	1		29	45	27
	Husband	36		3	3	2	4	2		1	1	1	8	6	2						28	2	6
	Wife	62		1	6	4	6	1	4	1	4	2	16	7	7	2		1	1		1	43	18
	Oth./Unk.	3								1				2									3
Annulments	Total	72	26	21	6	3	5	1	1	3	2	1	2	1							31	39	2
	Husband	34	10	11	2	2	3	1	1	1	1										30	2	
	Wife																				1	37	
	Oth./Unk.	38	16	10	4	1	2			2	2			1									

TABLE 55
DIVORCES (INCLUDING ANNULMENTS) BY AGE OF WIFE BY AGE OF HUSBAND, VIRGINIA, 1986

Age of Husband (in years)	Total	AGE OF WIFE (in years)																														
		Under 15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35- 39	40- 44	45- 49	50- 54	55- 59	60- 64	65- 69	70- 74	75 +	Unk.
TOTAL	24,875		1	6	17	82	174	358	618	763	910	1,019	1,110	1,144	1,190	1,109	1,076	1,134	1,042	1,030	961	903	4,281	2,612	1,482	783	421	227	126	53	27	216
Under 15 .																																
15																																
16																																
17	2			1						1																						
18	15			2	4	3	2	1						1		1							1									
19	39		1	2	10	11	4	3	2			2					1						1		1							
20	130			4	13	20	40	19	15	4	3	4	3	1						1				2								
21	245		1	1	13	43	46	61	28	10	13	6	5	2	3	5	2	1				2	2			1						1
22	434			3	15	20	71	108	86	47	25	17	7	8	4	2	3	3	4	2	2	3	1									3
23	598			1	10	22	52	117	126	115	60	30	15	13	11	7	4	2	1	1	1	8	1									2
24	754		1	2	2	17	41	92	123	143	133	77	42	25	10	10	12	4	3	3	4	3	1									6
25	831				2	3	13	34	59	89	126	140	135	69	42	21	23	15	12	8	8	5	13	4								10
26	963		1		2	6	20	42	80	132	149	155	137	82	39	20	27	8	10	11	7	19	3		1	1						11
27	1,042			1		5	4	11	26	49	87	133	154	166	142	76	41	37	25	20	17	14	24	2	3							5
28	1,071		1			3	12	22	44	63	91	132	158	177	118	76	47	36	21	15	3	33	6	2			2					9
29	1,084			1		2	5	11	30	46	67	100	130	141	155	117	94	48	32	27	20	37	8	3								8
30	1,115					2	1	5	13	15	32	53	78	105	132	146	143	120	94	53	28	20	51	15		2	1					6
31	1,039							3	7	11	30	37	54	72	91	116	156	157	106	63	33	27	58	11	1	2						4
32	1,004					1	1	4	19	13	21	42	47	65	96	100	118	124	121	79	41	82	17	4	5	1						3
33	957						1	4	5	14	19	27	39	46	66	73	109	116	129	93	65	113	25	4	1							8
34	1,012					3	2	7	6	7	9	26	25	48	68	50	91	106	124	134	92	171	31	3	2	2	2					3
35-39	4,618				3	2	6	11	19	26	37	47	90	121	109	179	219	260	314	384	428	1,936	299	67	21	3						37
40-44	3,163						1	2	6	7	12	13	18	28	37	53	46	61	88	82	103	1,236	1,068	215	48	6	6					27
45-49	1,988								2		3	6	2		6	12	17	8	18	24	17	28	44	308	751	577	115	22	8	2	1	17
50-54	1,205									3	1			2	5	4	2	5	4	12	6	11	91	237	402	318	72	13	7	1		9
55-59	666									1		3			2	1	2	4	1		4	12	51	59	130	178	154	36	9	3	1	14
60-64	355												1			1	2	1					13	30	34	65	96	84	19	5	1	3
65-69	199												2							1	1		7	17	16	13	39	33	41	13	7	8
70-74	96										1												1	5	4	8	12	21	26	9	4	2
75 & Over.	82																						2	4	5	1	7	13	15	20	14	1
Unknown ..	168			1		2		6	4	4	5	8	7	6	9	5	5	7	6	4	3	15	16	9	3	5	11	7				19

Communicable Disease



COMMUNICABLE DISEASE

The number of reported cases of aseptic meningitis decreased in 1986. The etiologic agent was reported for only 13 cases (4 percent). Of these, 12 were enteroviruses.

In 1986, 239 cases of bacterial meningitis (excluding meningococcal) were reported. This represents a decrease of 7 percent from the 256 cases reported in 1985. The predominating etiologies included Haemophilus influenzae (54 percent), Streptococcus pneumoniae (15 percent), Listeria monocytogenes (7 percent), and Group B Streptococcus (5 percent). A total of 117 (91 percent) of the 129 cases of H. influenzae meningitis occurred in children under five years of age. Of the 24 bacterial meningitis deaths reported (excluding meningococcal), 21 percent were due to H. influenzae, and 29 percent were due to S. pneumoniae. Results of antibiotic sensitivity studies indicated that 9 H. influenzae meningitis cases were ampicillin resistant.

All 3 of the reported cases of brucellosis in 1986 (no deaths) were abattoir associated. The male to female ratio was 2:1 and cases were 25, 26, and 36 years of age.

A total of 591 cases of Campylobacter infections were reported in 1986, representing a 21 percent decrease from the previous year. The 409 cases whose species were reported had the following distribution: C. jejuni, 97.3 percent; C. coli, 2.5 percent; and C. yersinia, 0.2 percent.

Thirty-seven percent of the 46 cases of encephalitis reported in 1986 were due to an unspecified virus and 20 percent to a herpes virus. The 10 fatal cases ranged in age from 4 months to 88 years.

Reported cases of giardiasis decreased in 1986 to 302. This resulted in a 26 percent decrease from the 408 cases reported in 1985.

The number of reported cases of hepatitis A (153) decreased in 1986. This represents an 11 percent decrease from the 171 cases reported in 1985. Approximately 80 percent of hepatitis A cases occurred in persons under forty years of age. Of the cases for which race was reported, 80 percent were white and 11 percent were black. The male to female ratio was 1.2:1. Two outbreaks of hepatitis A were reported in 1986, accounting for approximately 20 percent of the total number of reported cases.

The number of reported hepatitis B cases (540) continued to remain fairly stable (558 cases in 1985, 522 in 1984, and 528 in 1983). As with hepatitis A, approximately 80 percent of hepatitis B cases occurred in persons under forty years of age. The male to female ratio was 1.8:1.

The number of reported hepatitis Non-A, Non-B cases decreased to 77 in 1986. Ninety-six percent of the reported cases were over 14 years of age. Three deaths were reported.

A total of 6 histoplasmosis cases were reported in 1986. All of the reported cases were males. Ages ranged from 24 to 88 years. There were no deaths.

Kawasaki syndrome cases ranged in age from 2 months to 9 years. Of the 25 reported cases (no deaths), 60 percent were males, and children under 2 years of age accounted for 56 percent of the total number of reported cases.

The number of reported cases of legionellosis increased slightly in 1986. Males accounted for 79 percent of the 29 cases which ranged in age from 22 to 88 years. There were 8 deaths.

One case of leprosy (tuberculoid) was reported in an 82 year old male from Southeast Asia.

Voluntary reporting of cases of Lyme disease resulted in 7 cases in 1986. The cases ranged in age from 20 to 57 years.

Thirty-six cases of malaria were reported during 1986. Africa was the geographic origin of malaria for 11 cases, followed by India (7 cases), and Central America (4 cases). Twenty-two cases were confirmed as Plasmodium vivax, 9 as P. falciparum, and 1 as P. malariae.

A total of 79 cases of meningococcal infections were reported in 1986, representing a 39 percent increase over the 57 reported cases in 1985. Two outbreaks in the Central Shenandoah Health District accounted for 20 percent of the total number of reported cases in 1986. Children under the age of 5 represented approximately 40 percent of all reported cases and deaths. The persons who died (5) ranged in age from 1 to 50 years.

One case of psittacosis was reported in 1986. The case involved a twenty-five year old female who purchased a parrot from a pet shop. The parrot became ill within 2 days and expired within 5 days.

Animal rabies cases increased by 12 percent in 1986 (200) as compared to 1985 when 179 cases were reported. Raccoons continued to represent the highest number of rabid animals reported (139), a trend that began in 1981. Skunks accounted for 38 cases, foxes 12, cats 3, bats 2, cattle 2, sheep 2, bobcats 1, and horses 1.

The number of reported cases of Reye syndrome continued to decline in 1986. The 2 reported cases were males. There were no deaths.

Reported cases of Rocky Mountain spotted fever (RMSF) increased in 1986. The 51 reported cases represent the first increase since 1981. Approximately 60 percent of the reported RMSF cases were under thirty years of age with males outnumbering females two to one. The 1 fatal case had no known history of tick exposure.

In 1986, 1,456 Salmonella infections (exclusive of S. typhi) were reported. The number of reported cases peaked during the third quarter of the year (July-September) with 572 cases. In 1986, the predominating serotypes continued to be S. typhimurium (32 percent), S. heidelberg (13 percent), S. enteritidis (9 percent), and S. hadar (7 percent). The 1 known death was a 76 year old female who developed Salmonella sepsis.

The number of reported cases of shigellosis increased slightly in 1986. There were 101 cases reported as compared to 88 cases in 1985. Serotypes were available for 82 cases. Fifty-seven of these were found to be caused by Shigella sonnei, 24 by S. flexneri, and 1 by S. dysenteriae.

Toxic shock syndrome (TSS) cases ranged in age from 17 to 35 years. All of the 9 cases occurred in females and 4 were known tampon users.

Three cases of trichinosis were reported in 1986. Two of the 3 cases were related to consumption of raw pork. The source of the third case was not determined.

Three cases of tularemia were reported in 1986. All 3 cases were males and there were no deaths.

Eleven cases of typhoid fever were reported from 7 localities in 1986. This reflects a sizeable increase over the 3 cases reported in 1985. The distribution of cases by sex included 4 males and 7 females. Cases ranged in age from 9 to 97 years. Five (45 percent) of the typhoid fever cases reported in 1985 were exposed to S. typhi outside the United States. No deaths associated with typhoid fever were reported.

Reported cases of yersiniosis increased in 1986. All of the 34 reported cases were due to Y. enterocolitica. Cases were distributed almost evenly among males and females.

VACCINE-PREVENTABLE DISEASES

Reported cases of vaccine-preventable diseases (162) increased in 1986 as compared to the previous year (103). The most significant increase was the number of pertussis (whooping cough) cases reported; from 21 in 1985 to 56 in 1986.

The second largest increase was the number of rubeola (measles) cases reported; from 28 in 1985 to 60 in 1986. Of the 60 cases reported in 1986, 85 percent were nonpreventable.

Reported cases of mumps (46) were down from the 49 cases reported in 1985.

There were no cases of rubella (German measles), polio, diphtheria or tetanus reported in 1986.

TUBERCULOSIS

In 1986, there was a 73-case decrease from 1985 in the number of new, active tuberculosis cases. The 415 counted cases represented a morbidity rate of 7.2 per 100,000 population, well below the 1985 rate of 8.6. Virginia's rate in 1986 was appreciably lower than the United States' rate of 9.3 per 100,000 population.

The percentage of foreign-born persons among all tuberculosis cases increased to 17.1 percent. The comparable figures for 1985 and 1984 were 15.6 and 16.1 percent, respectively.

NEW, ACTIVE TUBERCULOSIS CASES, AGE BY RACE VIRGINIA, 1986

Age (years)	Total	Race		
		White	Black	Other
Total	415	183	185	47
0-4	6	4	2	
5-9	2	1	1	
10-14	2		2	
15-19	8	4	1	3
20-24	19	7	8	4
25-34	58	17	22	19
35-44	42	14	20	8
45-54	48	21	24	3
55-64	54	33	19	2
65+	176	82	86	8

NEW, ACTIVE TUBERCULOSIS CASES, LOCATION OF DISEASE WITH PERCENT OF TOTAL VIRGINIA, 1986

Location	Number	Percent
Total	415	100.0
Pulmonary	324	78.1
Non-Pulmonary	91	21.9
Bone/Joint	5	1.2
Genito-Urinary	5	1.2
Lymphatic	31	7.5
Cervical	26	6.3
Intrathoracic	3	0.7
Other	2	0.5
Meningeal	3	0.7
Miliary	16	3.9
Peritoneal		0.0
Pleural	24	5.8
Skin	1	0.2
Other	6	1.4

SEXUALLY TRANSMITTED DISEASES (STD)

During 1986, a total of 1,023 cases of syphilis were reported in Virginia: 326 primary and secondary cases (an 8.7 percent increase over 1985); 241 early latent cases (a 7.3 percent decrease from 1985); and 456 other syphilis cases (a 21.3 percent increase over 1985). The total reported early syphilis cases (567) increased by 1.2 percent over the 560 cases reported in 1985.

There was a decrease of 2.0 percent in total gonorrhea cases reported, from 19,121 cases in 1985 to the 18,742 cases in 1986. The 10,398 cases in males represented a 6.8 percent decrease compared to the 11,153 cases reported in 1985. Gonorrhea cases in females numbered 8,344, a 4.7 percent increase over the 7,968 cases reported in 1985. The overall decrease in gonorrhea follows a trend which began in 1976.

Sexually transmitted disease epidemiologists applied aggressive contact interview/referral procedures to 2,821 high risk gonorrhea patients during calendar year 1986 compared to 3,105 high risk patients in 1985. The targeted high risk groups were females with gonococcal PID, asymptotically infected male sex partners, pregnant females, male/female repeaters (two or more infections within six consecutive months), culture positive females from hospital emergency rooms, patients infected with Penicillinase Producing *Neisseria Gonorrhoeae* (PPNG), Tetracycline Resistant *Neisseria Gonorrhoeae* (TRNG), and Chromosomally Mediated Resistant *Neisseria Gonorrhoeae* (CMRNG). The number of new gonorrhea cases identified (brought to treatment) or epidemiologically treated among examined sex partners to these high risk patients was 1,507 in 1985 and 1,398 in 1986, each of which represents about 50 percent of the cases interviewed.

The 736 Gonococcal PID cases reported in 1986 represented almost a 1 percent increase over the 729 cases reported in 1985. The rate of GPID among total reported gonorrhea cases in females decreased from 9.1 percent in 1985 to 8.8 percent in 1986. This decrease in percent was due mainly to the increase in total female gonorrhea cases reported.

A total of 73 PPNG cases were identified in 1986 compared to 46 in 1985, a 58.7 percent increase. Resistant gonorrhea is becoming endemic in the United States. Twenty-three percent of the 73 cases were identified through use of the epidemiologic process, 26 percent through screening, and 51 percent from volunteers. Sixty percent of the cases were in males, and 40 percent in females which parallels Virginia's total gonorrhea morbidity (56 percent males and 44 percent females). A significant number of reported patients (40 percent lived in and around the Richmond City area, where case management was intensified until the outbreak was brought under control.

Fourteen cases of Chromosomally Mediated Resistant *Neisseria Gonorrhoeae* (CMRNG) were identified in 1986, the same as the 1985 total. There were also 20 Tetracycline Resistant *Neisseria Gonorrhoeae* (TRNG) cases identified in 1986, the first year that Virginia began testing for this variety of resistant gonorrhea. Interestingly, females outnumbered males in reported CMRNG (57 percent vs 43 percent), but the distribution of TRNG cases was consistent with other gonorrhea (55 percent male vs 45 percent female). The bulk of these cases were identified through screening for resistant organisms (50 percent and 45 percent, respectively).

There were 169 cases of Acquired Immunodeficiency Syndrome (AIDS) reported in 1986, a 62.5 percent increase over the 104 cases reported the previous year. The vast majority were reported from the Northern Region, the area which makes up Virginia's portion of the Washington, D.C. suburbs. Beginning in May of 1986, STD Clinic patients were offered Human Immunodeficiency Virus (HIV) antibody testing, pre- and post-test counseling, and sex partner counseling. It is hoped that the safer sex messages discussed during counseling sessions will have an overall impact on all STDs.

TABLE 56
REPORTED CASES AND DEATHS FROM CERTAIN COMMUNICABLE DISEASES WITH CASE RATES PER 100,000 ESTIMATED POPULATION
VIRGINIA, 1977-1986

Year	AIDS			AMEBIASIS			BRUCELLOSIS			CHICKENPOX			HEPATITIS (All Types)			LEGIONELLOSIS		
	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths
1977	N.A.		N.A.	73	1.4	1	37	0.7	0	784	15.3	0	803	15.6	N.A.	N.A.		N.A.
1978	N.A.		N.A.	35	0.7	0	6	0.1	0	1,076	20.9	5	769	14.9	N.A.	17	0.3	N.A.
1979	N.A.		N.A.	49	0.9	0	17	0.3	0	963	18.3	2	938	17.8	N.A.	18	0.3	1
1980	N.A.		N.A.	63	1.2	1	5	0.1	0	483	9.0	1	999	18.7	N.A.	19	0.4	0
1981	N.A.		N.A.	39	0.7	0	9	0.2	0	1,723	31.7	1	914	16.8	N.A.	21	0.4	0
1982	6	0.1	N.A.	68	1.2	0	11	0.2	0	924	16.9	0	887	16.2	N.A.	29	0.5	4
1983	25	0.5	5	91	1.6	1	24	0.4	0	1,277	23.1	1	830	15.0	N.A.	24	0.4	5
1984	39	0.7	17	33	0.6	0	8	0.1	0	1,189	21.2	0	793	14.2	N.A.	33	0.6	3
1985	104	1.8	41	78	1.4	0	3	0.1	0	1,789	31.2	1	886	15.5	N.A.	27	0.5	2
1986	169	2.9	80	44	0.8	0	3	0.1	0	2,324	40.1	2	812	14.0	N.A.	29	0.5	6

Year	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS			MENINGITIS (ASEPTIC)			MUMPS			PERTUSSIS			ROCKY MOUNTAIN SPOTTED FEVER		
	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths
1977	2,774	54.0	0	39	0.8	5	202	3.9	N.A.	129	2.5	0	25	0.5	1	154	3.0	6
1978	2,837	55.1	1	73	1.4	9	193	3.7	N.A.	196	3.8	0	18	0.3	0	111	2.2	4
1979	288	5.5	0	87	1.7	15	266	5.1	N.A.	105	2.0	0	16	0.3	0	90	1.7	2
1980	339	6.3	0	67	1.3	8	188	3.5	N.A.	87	1.6	0	10	0.2	0	96	1.8	0
1981	18	0.3	0	103	1.9	18	274	5.0	N.A.	134	2.5	0	10	0.2	0	105	1.9	1
1982	14	0.3	0	72	1.3	3	262	4.8	N.A.	44	0.8	0	29	0.5	0	74	1.4	3
1983	23	0.4	0	81	1.5	11	338	6.1	N.A.	37	0.7	0	50	0.9	0	60	1.1	3
1984	5	0.1	0	66	1.2	7	264	4.7	N.A.	20	0.4	0	19	0.3	0	47	0.8	1
1985	28	0.5	0	57	1.0	5	418	7.3	N.A.	49	0.9	0	21	0.4	0	24	0.4	0
1986	60	1.0	0	79	1.4	3	311	5.4	N.A.	46	0.8	0	56	1.0	0	51	0.9	2

Year	RUBELLA			SALMONELLOSIS			SHIGELLOSIS			TETANUS			TULAREMIA			TYPHOID FEVER		
	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths
1977	585	11.4	2	809	15.8	4	78	1.5	0	1	*	0	3	0.1	0	10	0.2	0
1978	247	4.8	0	990	19.2	3	142	2.8	0	1	*	1	5	0.1	0	4	0.1	0
1979	208	4.0	0	1,151	21.9	3	274	5.2	0	3	0.1	0	2	*	0	6	0.1	0
1980	42	0.8	0	1,303	24.4	3	198	3.7	0	3	0.1	0	1	*	0	9	0.2	0
1981	9	0.2	0	1,572	29.0	4	1,211	22.3	0	0	0.0	0	4	0.1	0	1	*	0
1982	12	0.2	0	1,468	26.9	1	159	2.9	0	2	*	0	5	0.1	0	4	0.1	0
1983	2	*	0	1,471	26.6	2	285	5.2	0	2	*	1	1	*	0	16	0.3	0
1984	1	*	1	1,255	22.4	5	201	3.6	1	1	*	1	1	*	0	8	0.1	0
1985	2	*	0	1,651	28.8	3	88	1.5	1	3	0.1	0	1	*	0	3	0.1	0
1986	0	0.0	0	1,456	25.1	2	101	1.7	0	0	0.0	0	3	0.1	0	11	0.2	0

N.A. = Not available. Numbers of deaths are from death certificate information.

* Less than 0.05

TABLE 57
REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986

Planning District/ City or County	Amebi- asis	Aseptic Menin- gitis	Chicken- pox	Hepatitis				Legionel- losis	Malaria	Measles (Rubella)	Meningo- coccal Infec- tions	Mumps	Pertussis (Whooping Cough)	Salmonel- losis	Shigel- losis	Tubercu- losis	Rocky Mountain Spotted Fever	Toxic Shock Syndrome	Encepha- litis
				Type A	Type B	Type Unspec- ified	Type Non-A Non-B												
STATE OF VIRGINIA	44	311	2,324	153	540	42	77	29	36	60	79	46	36	1,456	101	405	51	9	45
District 1		3	29	2	3		1	1			1	3	8	11	1	11			
Lee		3	3	1	3		1				1	2		2	1	2			
Scott		3														3			
Wise		2	26	1				1				1	8	7		6			
Norton*																			
District 2		2	2	1	5			2			1	1		20		17	1		1
Buchanan					2						1	1		2		8			
Dickenson			1		2			1						2		1			1
Russell		2	1	1										6		2			
Tazewell					1			1						10		6	1		
District 3		3	8		4	1	2	2			1			16	1	9	1		4
Blind																1			
Carroll					2	1													
Grayson														5	2	1			
Smyth		1												15		1			1
Washington		2	7		1		2	2			1			10	1	2	1		3
Wythe			1		1									4		2			
Bristol																2			
Galax*																			
District 4		6	35	6	3	2	2				3	1	2	26	1	7	1		1
Floyd			4				1							4					
Giles			1	1	1	1	1						1	3		3			
Montgomery		4	25	5		1								8	1	1	1		
Pulaski		2	5		2						3	1	1	11		1			1
Radford																2			
District 5	6	25	21	21	44		5	2			2	6	1	49	1	12	2	2	3
Alleghany	2		1									1		4		1			
Botetourt		3	3		3									2		1			
Craig			1																
Roanoke		8	7	6	10			1				1		21	1	3	1	1	1
Clifton Forge																1			
Covington																			
Roanoke City	4	14	9	15	31		5	1			2	4	1	22		5	1	1	2
Salem																1			
District 6	5	11	27	1	17		4	1	2	2	17	1	12	40	8	17	3	1	
Augusta		1	22	1	12		4				10		5	14		3	2	1	
Beth														1					
Highland																			
Rockbridge		2	5		1				1		7	1	4	1	1	3			
Rockingham	5	8			4			1	1				3	24	7	4	1		
Buena Vista																3			
Harrisonburg																1			
Lexington																			
Staunton																2			
Waynesboro																1			

* Except for TB, data are included with adjacent county.

**Total includes 9 military cases not allocated to city/county.

(continued)

TABLE 57
REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986 (continued)

Planning District/ City or County	Amebi- asis	Aseptic Meningi- tis	Chicken- pox	Hepatitis				Legionel- losis	Malaria	Measles (Rubeola)	Meningo- coccal Infecti- ons	Mumps	Pertussis (Whooping Cough)	Salmonel- losis	Shigel- losis	Tubercu- losis	Rocky Mountain Spotted Fever	Toxic Shock Syndrome	Enceph- alitis
				Type A	Type B	Type Unspec- ified	Type Non-A Non-B												
STATE OF VIRGINIA	44	311	2,324	153	540	42	77	29	36	60	79	46	56	1,456	101	405	51	9	45
District 7	1	17	47	3	5	1	1	1			3	1		35	9	8	5		1
Clarke		1		1	1						1			1	1				
Frederick		3	9	1	1									14	7	1	2		
Page	1	4	7	1										10		1	2		
Shenandoah		5	1		2	1		1			1			7		3	1		
Warren		4	30		1							1		3					
Winchester																			1
District 8	3	47	375	47	115	13	13	5	24	16	11	9	8	311	38	71	8	3	6
Arlington	1	6	10	18	18	2	1	1	8	2	4	1		39	5	15	1		3
Fairfax		30	117	13	52	4	8	4	13		5	4	5	183	27	35	4		3
Loudoun		2	2											9		1			
Prince William		9	18	12	19	3	2		1		2	1	1	34	2	6	3	1	
Alexandria	1		228	4	26	4	2		2	12		3	2	46	4	13		2	
Fairfax City																			
Falls Church																			
Manassas																			
Manassas Park																1			
District 9	1	1	17	14	12	1	2		1			1		8	1	2	3		2
Culpeper					3									2		1			
Fauquier	1		15	14	8	1						1		3			1		1
Madison			1											2					
Orange		1	1		1									1					
Rappahannock														1					
District 10		11	4	7	10		2	1			1	1		48	3	8	2		1
Albemarle			2	2	2			1						5		3			
Fluvanna														3		1			
Greene		7					1							4					1
Louisa				1	1									9		2			
Nelson		2	1	2	1									1					
Charlottesville		2	1	2	6		1					1		1					
District 11	10	10	36	5	13	2	1			42	1		1	26	1		2		1
Amherst	10	1	3			1	2			1	5	1		47	4	9	1		3
Appomattox			10								2			8		2			1
Bedford		1	1	3	3	1	1									1	2		
Campbell		1	5	1	2					7	1			2	1	1			
Bedford City														2					
Lynchburg		5	17	1	7									2					
District 12			3	3	26		2	2		34	2	1	1	35	3	5	1		2
Franklin					3		2	1				1		70	2	5	3		3
Henry		5			6		2							4			2		
Patrick				1	1			1						5	1	1			
Pittsylvania		1		1	4							1		20					
Danville		1		1										5					1
Martinsville				10			1							8	1	2	1		1
														33		2			1

* Except for TB, data are included with adjacent county.
**Total includes 9 military cases not allocated to city/county.

(continued)

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TABLE 57
REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986 (continued)

Planning District/ City or County	Amebi- asia	Aseptic Mening- itis	Chicken- pox	Hepatitis				Legionel- losis	Malaria	Measles (Rubeola)	Meningo- coccal Infec- tions	Humps	Pertussis (Whooping Cough)	Salmonel- losis	Shigel- losis	Tubercu- losis	Rocky Mountain Spotted Fever	Toxic Shock Syndrome	Enceph- alitis
				Type A	Type B	Type Unspec- ified	Type Non-A Non-B												
STATE OF VIRGINIA	44	311	2,324	153	540	42	77	29	36	60	79	46	56	1,436	101	405	51	9	45
District 13		2	8		2	1			1		1			38		4	1		
Brunswick			4		1									5		1			
Halifax									1					24		3			
Mecklenburg		2	4		1	1					1			9			1		
South Boston																			
District 14		15	1	1	2	1						3		24		1	1		
Amelia												1				1			
Buckingham		3			1									1					
Charlotte														1					
Cumberland		3		1										1					
Lunenburg		4	1											1					
Nottoway		1												6					
Prince Edward		4			3	1						2		11					
District 15	3	53	35	5	88	5	11	3	3		2	2	8	241	2	53	4		2
Charles City Co.		1	1																
Chesterfield		9	11	2	16	1	2	1	1		2			47		5	1		
Goochland		1			3									2	1				
Hanover		2	2	1	4	1	3				2		1	25		5			
Henrico	3	23	10	1	16	1		1	1		2		1	52	3	12	2		1
New Kent					1									2		1			
Powhatan			1			1	1							2			1		
Richmond City		17	10	1	48	1	5	1	1		1	2	6	111	3	30			1
District 16		1	3		12	2	2	3			2		4	59	2	12	3		
Caroline		1			2	1		1						15		3			
King George											1		2	5		2	1		
Spotsylvania			1		3		1				1			9		1			
Stafford					2	1								3	2	3	1		
Fredericksburg			2		5		1	1					2	27		3	1		
District 17		5	2		1									19		6	1		
Lancaster		3	2					1						9	2	2			
Northumberland		1														1			
Richmond		1			1									2		1			
Westmoreland								1						2		2			
District 18	1	3	6	11			1	1			2		2	21	2	9			
Essex														6		2			
Gloucester	1		6	1							1			2		1			
King and Queen													1	1		1			
King William		1					1						1	1		1			
Mathews		1		10									1	9		2			
Middlesex		1						1			1			2	2	1			
														1	2	2			

* Except for TB, data are included with adjacent county.

**Total includes 9 military cases not allocated to city/county.

(continued)

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TABLE 57
REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1986 (continued)

Planning District/ City or County	Amebi- osis	Aseptic Menin- gitis	Chicken- pox	Hepatitis				Legionel- losis	Malaria	Measles (Rubeola)	Meningo- coccal Infec- tions	Mumps	Pertussis (Whooping Cough)	Salmonel- losis	Shigel- losis	Tubercu- losis	Rocky Mountain Spotted Fever	Toxic Shock Syndrome	Enceph- alitis
				Type A	Type B	Type Unspec- ified	Type Non-A Non-B												
STATE OF VIRGINIA	44	311	2,324	153	540	42	77	29	36	60	79	46	56	1,456	101	405	51	9	45
District 19	3	6	55		12	2					2	2		62		32	2		
Dinwiddie		2												7		7	1		
Greensville			26		2					1				6					
Prince George			3		1									2		2			
Surry		1	1											4		1			
Sussex														1		5			
Colonial Heights																1			
Emporia																2			
Hopewell		3	4									1		6		7	1		
Petersburg	3		21		9	2					1	1		36		7			
District 20	1	73	1,475	18	140	11	18	1	3		14	5	5	173	13	74	4	1	10
Isle of Wight			2				1						1	7		3	1		
Southampton			1											13		4			
Chesapeake		13	39	3	19		2				3		1	27	2	6			2
Franklin City																6			
Norfolk		24	196	8	53	7	9				4	1	2	48	3	25	1		2
Portsmouth		14	66	4	25	2	4		1		4	1		24	3	9			1
Suffolk		1	3		6						1			17	2	11			1
Virginia Beach	1	21	1,168	3	37	2	2	1	2		2	3	1	37	3	10	2	1	4
District 21	10	8	134	5	19		5	2	2		6	8	5	87	4	24	2	2	7
James City Co.	2		10		2		1				1	6		14		1		1	4
York		1	4		1									6			1		
Hampton	8	2	3	2	8		2	1	1			1		21		7			
Newport News		5	117	3	8		2	1	1		5	1	5	46	4	14	1	1	3
Poquoson																1			
Williamsburg																1			
District 22			1	3	2			1						31	2	14			1
Accomack			1	3	1			1						30	2	6			
Northampton					1									1		8			1

* Except for TB, data are included with adjacent county.

**Total includes 9 military cases not allocated to city/county.

OTHER DISEASES

DISEASE	NUMBER OF CASES	CITY/COUNTY	DISEASE	NUMBER OF CASES	CITY/COUNTY
Brucellosis	3	Isle of Wight (2) Suffolk	Typhoid Fever	11	Chesterfield Fairfax (4) Montgomery Alexandria (2) Chesapeake Portsmouth Suffolk Norfolk
Diphtheria	0				
Rubella (German Measles)	0				
Tetanus	0				
Trichinosis	3	Page (2) Norfolk			
Tularemia	3	Fairfax Henry Lancaster	Encephalitis (Post Chickenpox)	1	

TABLE 58
REPORTED CASES OF VENEREAL DISEASE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE
VIRGINIA, 1986

Planning District/ City or County	Total Diseases	Total Syphilis	Primary and Secondary	Early Latent	Other Syphilis	Gonorrhea	Other Diseases
STATE OF VIRGINIA	19,777	1,023	326	241	456	18,742	12
District 1	41	3	1	1	1	38	
Lee	11					11	
Scott	6					6	
Wise	19	1		1		18	
Norton	5	2	1		1	3	
District 2	33	2		2		31	
Buchanan	4					4	
Dickenson	2					2	
Russell	5					5	
Tazewell	22	2		2		20	
District 3	134	5	2	1	2	129	
Bland	1					1	
Carroll	6					6	
Grayson	5					5	
Smyth	42	3	1		2	39	
Washington	23					23	
Wythe	19	2	1	1		17	
Bristol	31					31	
Galax	7					7	
District 4	129	4			4	125	
Floyd	10					10	
Giles	7	2			2	5	
Montgomery	56	2			2	54	
Pulaski	26					26	
Radford	30					30	
District 5	878	27	6	5	16	851	
All-ghany	2					2	
Botetourt	13	2	1		1	11	
Craig	2	1			1	1	
Roanoke	34	4		3	1	30	
Clifton Forge	3					3	
Covington	7	1	1			6	
Roanoke City	793	14	3	2	9	779	
Salem	24	5	1		4	19	
District 6	178	10	2		8	168	
Augusta	31	3	1		2	28	
Bath	1					1	
Highland							
Rockbridge	7					7	
Rockingham	14					14	
Buena Vista	4					4	
Harrisonburg	23	1			1	22	
Lexington	8	1			1	7	
Staunton	64	5	1		4	59	
Waynesboro	26					26	
District 7	170	8	1		7	158	4
Clarke	20					19	1
Frederick	18					17	1
Page	7					7	
Shenandoah	18	1			1	17	
Warren	23					23	
Winchester	84	7	1		6	75	2
District 8	2,666	222	34	23	165	2,443	1
Arlington	512	73	7	5	61	439	
Fairfax	485	55	9	5	41	429	
Loudoun	79	2	1		1	77	1
Prince William	246	13		4	9	233	
Alexandria	1,124	47	16	7	24	1,077	
Fairfax City	36	4	1	1	2	32	
Falls Church	83	24		1	23	59	
Manassas	100	4			4	96	
Manassas Park	1					1	
District 9	135	3			3	132	
Culpeper	78	2			2	76	
Fauquier	28	1			1	27	
Madison	6					6	
Orange	23					23	
Rappahannock							
District 10	212	8	5	1	2	204	
Albemarle	31	1			1	30	
Fluvanna	16	1			1	15	
Greene	2					2	
Louisa	28	1		1		27	
Nelson	25					25	
Charlottesville	110	5	5			105	
District 11	404	17	5	8	4	387	
Amherst	39	2	1	1		37	
Appomattox	24					24	
Bedford	18	1	1			17	
Campbell	36					36	
Bedford City	3					3	
Lynchburg	284	14	3	7	4	270	

(continued)

TABLE 58
REPORTED CASES OF VENEREAL DISEASE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE (continued)
VIRGINIA, 1986

Planning District/ City or County	Total Diseases	Total Syphilis	Primary and Secondary	Early Latent	Other Syphilis	Gonorrhea	Other Diseases
STATE OF VIRGINIA	19,777	1,023	326	241	456	18,742	12
District 12	677	114	60	35	19	563	
Franklin	15	1			1	14	
Henry	95	3	2		1	92	
Patrick	11	1		1		10	
Pittsylvania	186	24	16	4	4	162	
Danville	292	85	42	30	13	207	
Martinsville	78					78	
District 13	208	4	2	1	1	204	
Brunswick	57					57	
Halifax	81	1		1		80	
Mecklenburg	46	1			1	45	
South Boston	24	2	2			22	
District 14	138	5	3		2	133	
Amelia	12					12	
Buckingham	28					28	
Charlotte	7	2	2			5	
Cumberland	10					10	
Lunenburg	16	2	1		1	14	
Nottoway	29					29	
Prince Edward	36	1			1	35	
District 15	3,260	149	48	37	64	3,111	
Charles City Co.	25					25	
Chesterfield	125	6		4	2	119	
Goochland	11	2			2	9	
Hanover	51					51	
Henrico	152	9	3	3	3	143	
New Kent	15					15	
Powhatan	23	13		2	11	10	
Richmond City	2,858	119	45	28	46	2,739	
District 16	250	12	7	2	3	238	
Caroline	72	8	6	2		64	
King George	14					14	
Spotsylvania	27	2	1		1	25	
Stafford	34	1			1	33	
Fredericksburg	103	1			1	102	
District 17	95	3	1		2	92	
Lancaster	24					24	
Northumberland	8					8	
Richmond	15	1			1	14	
Westmoreland	48	2	1		1	46	
District 18	100	9	4	2	3	91	
Essex	21	3	1	2		18	
Gloucester	29	2	2			27	
King and Queen	21	1			1	20	
King William	14					14	
Mathews	5					5	
Middlesex	10	3	1		2	7	
District 19	669	24	9	6	9	645	
Dinwiddie	45	1			1	44	
Greensville	19					19	
Prince George	13	3	1	2		10	
Surry	22					22	
Sussex	41					41	
Colonial Heights	9					9	
Emporia	23	1			1	22	
Hopewell	35	4	2	2		31	
Petersburg	462	15	6	2	7	447	
District 20	6,490	294	116	90	88	6,189	7
Isle of Wight	115	2		1	1	113	
Southampton	107	7	1	2	4	100	
Chesapeake	715	25	7	8	10	690	
Franklin City	98					98	
Norfolk	2,813	124	41	51	32	2,682	
Portsmouth	1,468	77	46	12	19	1,391	
Suffolk	521	28	15	12	1	493	
Virginia Beach	653	31	6	4	21	622	
District 21	2,562	69	16	27	26	2,493	
James City Co.	46	1	1			45	
York	52	6	1	4	1	46	
Hampton	730	20	5	6	9	710	
Newport News	1,575	39	9	16	14	1,536	
Poquoson	5					5	
Williamsburg	154	3		1	2	151	
District 22	348	31	4		27	317	
Accomack	246	19	2		17	227	
Northampton	102	12	2		10	90	